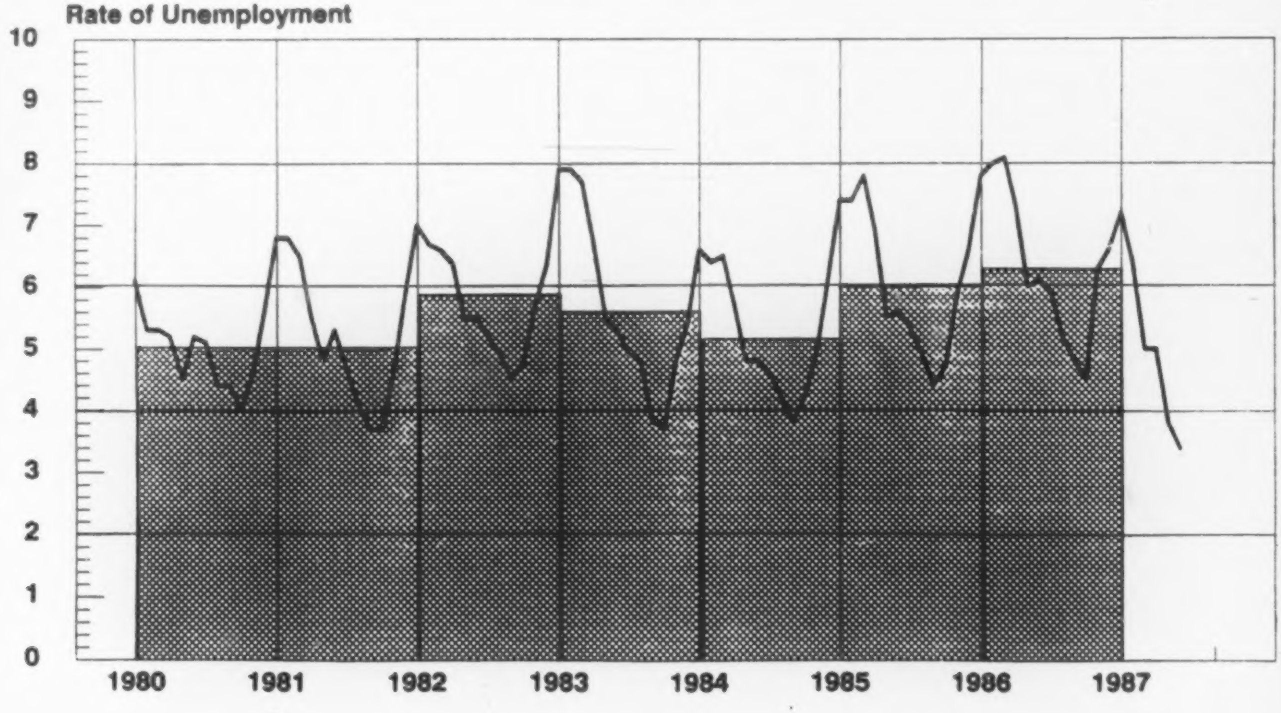
11/13/87 S6140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

SEPTEMBER 1987

VOLUME 3, NUMBER 9

## NORTH DAKOTA UNEMPLOYMENT RATES



# THE

# NORTH DAKOTA

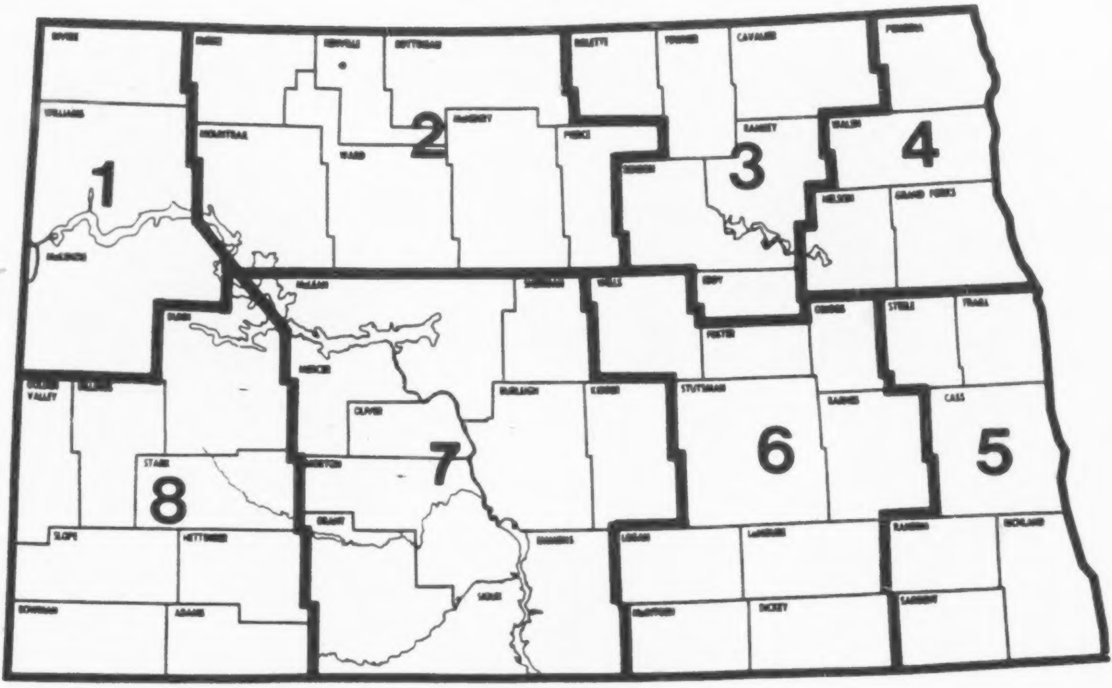
# LABOR MARKET ADVISOR

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868


NORTH DAKOTA

STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

## A USEFUL TOOL FOR CAREER SELECTION

The **CAREER OUTLOOK**, a publication that has become an essential career selection tool for North Dakotans, will soon be distributed across the state.

Published annually by the North Dakota Occupational Information Coordinating Committee (NDOICC), whose mission is to provide usable labor market information, the **CAREER OUTLOOK** chronicles over 300 occupations specific to North Dakota. Timely articles highlighting labor market information, financial aid, job seeking techniques, resume writing, adult education, and available career information services within North Dakota are included in the 36-page tabloid. To assist users, addresses and phone numbers are included for Adult Learning Centers, Vocational Rehabilitation Offices, Job Service Offices, military recruiters, Regional Human Service Centers, Veteran's Employment Services, Teacher Placement Services, Worker's Compensation Bureau, and all private and public post-secondary institutions in the state.

The **CAREER OUTLOOK** lists the following information about each of the 300 occupations:

- **Occupational Description**
- **Standard Occupational Classification Code**
- **Suggested Training**
- **Suggested High School Courses**
- **Educational Training Sites**
- **National Outlook**
- **North Dakota Outlook**
- **Related Military Occupations**
- **Earnings**
- **Hiring Practices**
- **Reference page number for additional information**
- **Code for occupations with a military counterpart**

As the **CAREER OUTLOOK** is developed, information is gathered from national publications such as the *Occupational Outlook Handbook* (OOH), *Dictionary of Occupational Titles* (DOT), *Guide for Occupational Exploration* (GOE), and *Standard Occupational Classification* (SOC) manuals. Most North Dakota data is collected from Job Service and post-secondary training sites. The North Dakota outlook and earnings information comes from data collected as a result of the occupational, employment, and wage surveys conducted by the Job Service Research and Statistics Section.

Each year, 55,000 copies of the **CAREER OUTLOOK** are distributed free of charge to high schools (copies for grades 10, 11, 12), post-secondary institutions, Vocational Rehabilitation Offices, Vocational Education Centers, Job Service Offices, Adult Learning Centers, school administrators, and numerous other professionals who work with clients/students seeking career direction.

The **CAREER OUTLOOK** will be distributed in mid-November. Additional information or copies of the **CAREER OUTLOOK** can be obtained from North Dakota Occupational Information Coordinating Committee (NDOICC), 1600 East Interstate Avenue, P.O. Box 1537, Bismarck, North Dakota, 58502, or by calling 224-2844.

**Lori DeRemer**
**CAREER OUTLOOK Editor**

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Rounded to Hundreds)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | SEPT 1987 | AUG 1987 | SEPT 1986 | AUG 1987 | SEPT 1986 |
| TOTAL | 253,800 | 251,000 | 252,300 | 1.1% | 0.6% |
| MINING | 4,200 | 4,200 | 4,400 | 0.0% | -4.5% |
| COAL | 1,100 | 1,100 | 1,200 | 0.0% | -8.3% |
| CRUDE PET. & NAT. GAS | 2,600 | 2,500 | 2,700 | 4.0% | -3.7% |
| OTHER MINING | 500 | 600 | 500 | -16.7% | 0.0% |
| CONSTRUCTION | 12,800 | 13,200 | 13,500 | -3.0% | -5.2% |
| BUILDING CONSTRUCTION | 3,300 | 3,500 | 3,700 | -5.7% | -10.8% |
| STREET HIGHWAY & HEAVY | 3,600 | 3,700 | 4,100 | -2.7% | -12.2% |
| SPECIAL TRADE CONSTRUCTION | 5,900 | 6,000 | 5,700 | -1.7% | 3.5% |
| MANUFACTURING | 16,200 | 15,700 | 15,800 | 3.2% | 2.5% |
| DURABLE GOODS | 6,800 | 6,900 | 6,300 | -1.4% | 7.9% |
| STONE, CLAY & GLASS | 800 | 900 | 900 | -11.1% | -11.1% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 4,000 | 4,000 | 3,600 | 0.0% | 11.1% |
| OTHER DURABLE GOODS | 1,200 | 1,200 | 1,100 | 0.0% | 9.1% |
| NONDURABLE GOODS | 9,400 | 8,800 | 9,500 | 6.8% | -1.1% |
| FOOD & KINDRED PRODUCTS | 4,600 | 4,100 | 4,800 | 12.2% | -4.2% |
| DAIRY PRODUCTS | 800 | 800 | 800 | 0.0% | 0.0% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,700 | 1,200 | 1,900 | 41.7% | -10.5% |
| BAKERY PRODUCTS | 400 | 400 | 400 | 0.0% | 0.0% |
| OTHER FOOD & KINDRED | 1,700 | 1,700 | 1,700 | 0.0% | 0.0% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,400 | 0.0% | 0.0% |
| OTHER NONDURABLE GOODS | 2,400 | 2,300 | 2,300 | 4.3% | 4.3% |
| TRANS. COMM. & UTILITIES | 16,300 | 16,200 | 16,000 | 0.6% | 1.9% |
| TRANSPORTATION | 8,300 | 8,100 | 7,900 | 2.5% | 5.1% |
| TRUCKING & WAREHOUSE | 5,000 | 4,900 | 4,500 | 2.0% | 11.1% |
| OTHER TRANSPORTATION | 3,300 | 3,200 | 3,400 | 3.1% | -2.9% |
| COMMUNICATION | 3,200 | 3,200 | 3,300 | 0.0% | -3.0% |
| UTILITIES | 4,800 | 4,900 | 4,800 | -2.0% | 0.0% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | SEPT 1987 | AUG 1987 | SEPT 1986 | AUG 1987 | SEPT 1986 |
| WHOLESALE TRADE | 19,100 | 19,400 | 19,400 | -1.5% | -1.5% |
| DURABLE GOODS | 9,000 | 9,200 | 9,100 | -2.2% | -1.1% |
| NONDURABLE GOODS | 10,100 | 10,200 | 10,300 | -1.0% | -1.9% |
| RETAIL TRADE | 48,400 | 48,500 | 47,900 | -0.2% | 1.0% |
| GENERAL MERCHANDISE | 6,300 | 6,300 | 6,100 | 0.0% | 3.3% |
| FOOD STORES | 6,700 | 6,700 | 6,700 | 0.0% | 0.0% |
| AUTO DEALERS & SERVICE ST. | 6,700 | 6,700 | 6,600 | 0.0% | 1.5% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,600 | 0.0% | 0.0% |
| OTHER RETAIL | 26,100 | 26,200 | 25,900 | -0.4% | 0.8% |
| FINANCE, INS. & REAL ESTATE | 12,700 | 12,700 | 12,500 | 0.0% | 1.6% |
| FINANCE | 6,900 | 6,900 | 6,800 | 0.0% | 1.5% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| INSURANCE | 3,900 | 3,900 | 3,800 | 0.0% | 2.6% |
| REAL ESTATE | 1,900 | 1,900 | 1,900 | 0.0% | 0.0% |
| SERVICES | 60,900 | 60,800 | 59,800 | 0.2% | 1.8% |
| LODGING | 4,300 | 4,200 | 4,300 | 2.4% | 0.0% |
| HEALTH SERVICES | 26,200 | 26,400 | 25,400 | -0.8% | 3.1% |
| NURSING CARE & HOSPITALS | 19,300 | 19,400 | 18,800 | -0.5% | 2.7% |
| OTHER MEDICAL SERVICES | 6,900 | 7,000 | 6,600 | -1.4% | 4.5% |
| OTHER SERVICES | 30,400 | 30,200 | 30,100 | 0.7% | 1.0% |
| GOVERNMENT | 63,200 | 60,300 | 63,000 | 4.8% | 0.3% |
| FEDERAL | 10,200 | 10,200 | 10,000 | 0.0% | 2.0% |
| STATE GOVERNMENT | 18,400 | 17,300 | 18,700 | 6.4% | -1.6% |
| EDUCATIONAL SERVICES | 11,200 | 10,000 | 11,600 | 12.0% | -3.4% |
| OTHER STATE GOVERNMENT | 7,200 | 7,300 | 7,100 | -1.4% | 1.4% |
| LOCAL GOVERNMENT | 34,600 | 32,800 | 34,300 | 5.5% | 0.9% |
| EDUCATIONAL SERVICES | 16,300 | 13,200 | 16,100 | 23.5% | 1.2% |
| OTHER LOCAL GOVERNMENT | 18,300 | 19,600 | 18,200 | -6.6% | 0.5% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | SEPT 1987 | AUG 1987 | SEPT 1986 | AUG 1987 | SEPT 1986 |
| TOTAL | 70,300 | 68,500 | 68,900 | 2.6% | 2.0% |
| MINING CONSTRUCTION | 4,000 | 4,100 | 4,000 | -2.4% | 0.0% |
| MANUFACTURING | 5,200 | 5,000 | 5,000 | 4.0% | 4.0% |
| DURABLE GOODS | 2,200 | 2,300 | 1,900 | -4.3% | 15.8% |
| NONDURABLE GOODS | 3,000 | 2,700 | 3,100 | 11.1% | -3.2% |
| TRANS., COMM. & UTILITIES | 4,400 | 4,200 | 4,300 | 4.8% | 2.3% |
| TRADE | 21,100 | 20,800 | 20,500 | 1.4% | 2.9% |
| WHOLESALE TRADE | 6,400 | 6,400 | 6,400 | 0.0% | 0.0% |
| RETAIL TRADE | 14,700 | 14,400 | 14,100 | 2.1% | 4.3% |
| FINANCE, INS. & REAL ESTATE | 4,500 | 4,500 | 4,300 | 0.0% | 4.7% |
| SERVICES | 18,200 | 18,300 | 17,600 | -0.5% | 3.4% |
| GOVERNMENT | 12,900 | 11,600 | 13,200 | 11.2% | -2.3% |
| FEDERAL | 2,200 | 2,200 | 2,100 | 0.0% | 4.8% |
| STATE & LOCAL | 10,700 | 9,400 | 11,100 | 13.8% | -3.6% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 29,300 | 28,200 | 28,600 | 3.9% | 2.4% |
| MINING & CONSTRUCTION | 2,000 | 2,100 | 2,000 | -4.8% | 0.0% |
| MANUFACTURING | 1,600 | 1,200 | 1,500 | 33.3% | 6.7% |
| TRANS., COMM. & UTILITIES | 1,400 | 1,300 | 1,500 | 7.7% | -6.7% |
| TRADE | 8,300 | 8,100 | 8,100 | 2.5% | 2.5% |
| WHOLESALE TRADE | 1,400 | 1,400 | 1,400 | 0.0% | 0.0% |
| RETAIL TRADE | 6,900 | 6,700 | 6,700 | 3.0% | 3.0% |
| FINANCE, INS. & REAL ESTATE | 1,200 | 1,200 | 1,100 | 0.0% | 9.1% |
| SERVICES | 6,500 | 6,400 | 6,300 | 1.6% | 3.2% |
| GOVERNMENT | 8,300 | 7,900 | 8,100 | 5.1% | 2.5% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 37,000 | 36,900 | 36,600 | 0.3% | 1.1% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,800 | 1,900 | 1,800 | -5.3% | 0.0% |
| MANUFACTURING | 2,000 | 2,000 | 2,000 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,700 | 0.0% | 0.0% |
| TRADE | 9,900 | 9,900 | 9,600 | 0.0% | 3.1% |
| WHOLESALE TRADE | 2,200 | 2,200 | 2,200 | 0.0% | 0.0% |
| RETAIL TRADE | 7,700 | 7,700 | 7,400 | 0.0% | 4.1% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,700 | 0.0% | -5.9% |
| SERVICES | 10,400 | 10,400 | 10,400 | 0.0% | 0.0% |
| GOVERNMENT | 8,400 | 8,200 | 8,200 | 2.4% | 2.4% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Sept 1987 | Aug 1987 | Sept 1986 | Sept 1987 | Aug 1987 | Sept 1986 | Sept 1987 | Aug 1987 | Sept 1986 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 406.81 | 403.27 | 398.93 | 40.6 | 40.9 | 41.0 | 10.02 | 9.86 | 9.73 |
| Durable Goods | 431.73 | 429.93 | 428.06 | 41.0 | 41.3 | 41.6 | 10.53 | 10.41 | 10.29 |
| Nondurable Goods | 373.73 | 368.04 | 359.30 | 40.1 | 40.4 | 40.1 | 9.32 | 9.11 | 8.96 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 330.03 | 327.33 | 312.80 | 38.6 | 38.6 | 38.1 | 8.55 | 8.48 | 8.21 |
| Durable Goods | 353.76 | 346.23 | 332.42 | 40.2 | 40.4 | 39.2 | 8.80 | 8.57 | 8.48 |
| Nondurable Goods | 313.13 | 312.85 | 298.03 | 37.5 | 37.2 | 37.3 | 8.35 | 8.41 | 7.99 |
| Food & Kindred | 323.47 | 318.94 | 315.71 | 38.1 | 37.0 | 37.9 | 8.49 | 8.62 | 8.33 |
| Printing and Publishing | 266.27 | 264.70 | 276.36 | 31.4 | 31.4 | 32.9 | 8.48 | 8.43 | 8.40 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 327.73 | 321.10 | 309.40 | 37.8 | 38.0 | 36.4 | 8.67 | 8.45 | 8.50 |
| Durable Goods | 345.93 | 327.10 | 293.94 | 39.4 | 39.6 | 35.5 | 8.78 | 8.26 | 8.28 |
| Nondurable Goods | 314.03 | 316.72 | 320.05 | 36.6 | 36.7 | 37.0 | 8.58 | 8.63 | 8.65 |

## U. S. CONSUMER PRICE INDEX ALL URBAN CONSUMERS

(1967=100)

| | Annual Average 1986 | Sept 1987 | Aug 1987 | Sept 1986 | Percent Change From Aug 1987 | Percent Change From Sept 1986 |
|---|---|---|---|---|---|---|
| All Items | 328.4 | 344.4 | 342.7 | 330.2 | 0.5% | 4.3% |
| Food & Beverage | 311.8 | 326.4 | 325.4 | 315.1 | 0.3% | 3.6% |
| Housing | 360.2 | 375.4 | 374.9 | 363.7 | 0.1% | 3.2% |
| Apparel & Upkeep | 207.8 | 222.2 | 214.7 | 212.1 | 3.5% | 4.8% |
| Transportation | 307.5 | 320.4 | 320.2 | 302.2 | 0.1% | 6.0% |
| Medical Care | 433.5 | 467.8 | 466.1 | 439.7 | 0.4% | 6.4% |
| Entertainment | 274.1 | 285.2 | 283.9 | 275.3 | 0.5% | 3.6% |

## PRODUCER PRICE INDEX UNITED STATES AVERAGE

| | Annual Average 1986 | Sept 1987 | Aug 1987 | Sept 1986 | Percent Change From Aug 1987 | Percent Change From Sept 1986 |
|---|---|---|---|---|---|---|
| All Commodities | 299.8 | 310.4 | 310.5 | 297.5 | 0.0% | 4.3% |
| Farm Products & Processed Food and Feeds | 252.0 | 260.0 | 258.6 | 254.0 | 0.5% | 2.4% |
| Industrial Commodities | 312.1 | 323.3 | 323.8 | 308.7 | -0.2% | 4.7% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sept'87 | Aug'87 | Sept'86 | Sept'87 | Aug'87 | Sept'86 | 9/87 | 8/87 | 9/86 | 9/87 | 8/87 | 9/86 |
| Divide | 1,638 | 1,803 | 1,698 | 1,583 | 1,764 | 1,631 | 55 | 39 | 67 | 3.4% | 2.2% | 3.9% |
| McKenzie | 2,981 | 3,207 | 3,614 | 2,861 | 3,081 | 3,377 | 120 | 126 | 237 | 4.0% | 3.9% | 6.6% |
| Williams | 10,545 | 11,067 | 13,147 | 9,823 | 10,425 | 11,494 | 722 | 642 | 1,653 | 6.8% | 5.8% | 12.6% |
| REGION 1 | 15,164 | 16,077 | 18,459 | 14,267 | 15,270 | 16,502 | 897 | 807 | 1,957 | 5.9% | 5.0% | 10.6% |
| Bottineau | 3,860 | 4,071 | 4,001 | 3,714 | 3,915 | 3,785 | 146 | 156 | 216 | 3.8% | 3.8% | 5.4% |
| Burke | 1,505 | 1,625 | 1,714 | 1,426 | 1,529 | 1,592 | 79 | 96 | 122 | 5.2% | 5.9% | 7.1% |
| McHenry | 3,050 | 3,345 | 3,395 | 2,872 | 3,130 | 3,124 | 178 | 215 | 271 | 5.8% | 6.4% | 8.0% |
| Mountrail | 3,535 | 3,775 | 3,882 | 3,339 | 3,537 | 3,563 | 196 | 238 | 319 | 5.5% | 6.3% | 8.2% |
| Pierce | 2,686 | 2,946 | 2,732 | 2,603 | 2,876 | 2,651 | 83 | 70 | 81 | 3.1% | 2.4% | 3.0% |
| Renville | 1,417 | 1,560 | 1,682 | 1,357 | 1,505 | 1,556 | 60 | 55 | 126 | 4.2% | 3.5% | 7.5% |
| Ward | 24,966 | 25,871 | 26,368 | 24,040 | 24,855 | 25,032 | 926 | 1,016 | 1,336 | 3.7% | 3.9% | 5.1% |
| REGION 2 | 41,019 | 43,193 | 43,774 | 39,351 | 41,347 | 41,303 | 1,668 | 1,846 | 2,471 | 4.1% | 4.3% | 5.6% |
| Benson | 3,412 | 3,800 | 3,640 | 3,217 | 3,527 | 3,448 | 195 | 273 | 192 | 5.7% | 7.2% | 5.3% |
| Cavalier | 2,880 | 3,152 | 2,888 | 2,808 | 3,046 | 2,803 | 72 | 106 | 85 | 2.5% | 3.4% | 2.9% |
| Eddy | 1,525 | 1,738 | 1,722 | 1,458 | 1,612 | 1,649 | 67 | 126 | 73 | 4.4% | 7.2% | 4.2% |
| Ramsey | 6,571 | 7,023 | 6,475 | 6,362 | 6,779 | 6,277 | 209 | 244 | 198 | 3.2% | 3.5% | 3.1% |
| Rolette | 4,921 | 5,170 | 5,516 | 4,398 | 4,503 | 4,956 | 523 | 667 | 560 | 10.6% | 12.9% | 10.2% |
| Towner | 1,948 | 2,067 | 1,927 | 1,931 | 2,023 | 1,898 | 17 | 44 | 29 | 0.9% | 2.1% | 1.5% |
| REGION 3 | 21,257 | 22,950 | 22,168 | 20,174 | 21,490 | 21,031 | 1,083 | 1,460 | 1,137 | 5.1% | 6.4% | 5.1% |
| Grand Forks | 34,757 | 35,039 | 33,063 | 33,833 | 33,628 | 32,204 | 924 | 1,411 | 859 | 2.7% | 4.0% | 2.6% |
| Nelson | 2,195 | 2,359 | 2,280 | 2,144 | 2,289 | 2,226 | 51 | 70 | 54 | 2.3% | 3.0% | 2.4% |
| Pembina | 5,605 | 5,789 | 5,794 | 5,350 | 5,478 | 5,497 | 255 | 311 | 297 | 4.5% | 5.4% | 5.1% |
| Walsh | 8,597 | 8,933 | 8,663 | 8,352 | 8,594 | 8,399 | 245 | 339 | 264 | 2.8% | 3.8% | 3.0% |
| REGION 4 | 51,154 | 52,120 | 49,800 | 49,679 | 49,989 | 48,326 | 1,475 | 2,131 | 1,474 | 2.9% | 4.1% | 3.0% |
| Cass | 56,939 | 57,011 | 54,396 | 55,560 | 55,543 | 52,712 | 1,379 | 1,468 | 1,684 | 2.4% | 2.6% | 3.1% |
| Ransom | 2,927 | 3,170 | 2,917 | 2,831 | 3,095 | 2,872 | 96 | 75 | 45 | 3.3% | 2.4% | 1.5% |
| Richland | 9,038 | 9,391 | 9,374 | 8,755 | 9,052 | 9,066 | 283 | 339 | 308 | 3.1% | 3.6% | 3.3% |
| Sargent | 2,653 | 2,906 | 2,745 | 2,585 | 2,840 | 2,647 | 68 | 66 | 98 | 2.6% | 2.3% | 3.6% |
| Steele | 1,361 | 1,541 | 1,370 | 1,328 | 1,507 | 1,333 | 33 | 34 | 37 | 2.4% | 2.2% | 2.7% |
| Traill | 5,055 | 5,128 | 4,969 | 4,860 | 4,887 | 4,844 | 195 | 241 | 125 | 3.9% | 4.7% | 2.5% |
| REGION 5 | 77,973 | 79,147 | 75,771 | 75,919 | 76,924 | 73,474 | 2,054 | 2,223 | 2,297 | 2.6% | 2.8% | 3.0% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sept 1987 | Aug 1987 | Sept 1986 | Sept 1987 | Aug 1987 | Sept 1986 | Sept 1987 | Aug 1987 | Sept 1986 | Sept 1987 | Aug 1987 | Sept 1986 |
| Barnes | 6,366 | 6,682 | 6,884 | 6,258 | 6,525 | 6,707 | 108 | 157 | 177 | 1.7% | 2.3% | 2.6% |
| Dickey | 3,569 | 3,885 | 3,847 | 3,476 | 3,779 | 3,776 | 93 | 106 | 71 | 2.6% | 2.7% | 1.8% |
| Foster | 2,248 | 2,403 | 2,572 | 2,184 | 2,340 | 2,462 | 64 | 63 | 110 | 2.8% | 2.6% | 4.3% |
| Griggs | 1,675 | 1,875 | 1,876 | 1,664 | 1,836 | 1,841 | 11 | 39 | 35 | 0.7% | 2.1% | 1.9% |
| La Moure | 2,735 | 2,993 | 2,784 | 2,699 | 2,936 | 2,722 | 36 | 57 | 62 | 1.3% | 1.9% | 2.2% |
| Logan | 1,677 | 1,868 | 1,819 | 1,663 | 1,853 | 1,748 | 14 | 15 | 71 | 0.8% | 0.8% | 3.9% |
| McIntosh | 2,428 | 2,729 | 2,580 | 2,378 | 2,693 | 2,506 | 50 | 36 | 74 | 2.1% | 1.3% | 2.9% |
| Stutsman | 12,312 | 13,034 | 12,486 | 12,024 | 12,669 | 11,966 | 288 | 365 | 520 | 2.3% | 2.8% | 4.2% |
| Wells | 3,070 | 3,358 | 3,166 | 2,974 | 3,226 | 3,051 | 96 | 132 | 115 | 3.1% | 3.9% | 3.6% |
| REGION 6 | 36,080 | 38,827 | 38,014 | 35,320 | 37,857 | 36,779 | 760 | 970 | 1,235 | 2.1% | 2.5% | 3.2% |
| Burleigh | 31,964 | 33,096 | 33,387 | 30,821 | 32,028 | 31,649 | 1,143 | 1,068 | 1,738 | 3.6% | 3.2% | 5.2% |
| Emmons | 2,447 | 2,782 | 2,693 | 2,388 | 2,696 | 2,565 | 59 | 86 | 128 | 2.4% | 3.1% | 4.8% |
| Grant | 2,295 | 2,642 | 2,343 | 2,194 | 2,537 | 2,234 | 101 | 105 | 109 | 4.4% | 4.0% | 4.7% |
| Kidder | 1,788 | 2,020 | 1,852 | 1,720 | 1,931 | 1,730 | 68 | 89 | 122 | 3.8% | 4.4% | 6.6% |
| McLean | 4,987 | 5,209 | 4,790 | 4,765 | 4,983 | 4,462 | 222 | 226 | 328 | 4.5% | 4.3% | 6.8% |
| Mercer | 5,620 | 5,946 | 5,737 | 5,346 | 5,625 | 5,252 | 274 | 321 | 485 | 4.9% | 5.4% | 8.5% |
| Morton | 11,851 | 12,345 | 12,482 | 11,473 | 11,923 | 11,781 | 378 | 422 | 701 | 3.2% | 3.4% | 5.6% |
| Oliver | 1,151 | 1,284 | 1,565 | 1,113 | 1,227 | 1,489 | 38 | 57 | 76 | 3.3% | 4.4% | 4.9% |
| Sheridan | 1,374 | 1,609 | 1,484 | 1,336 | 1,558 | 1,426 | 38 | 51 | 58 | 2.8% | 3.2% | 3.9% |
| Sioux | 1,425 | 1,479 | 1,525 | 1,283 | 1,289 | 1,405 | 142 | 190 | 120 | 10.0% | 12.8% | 7.9% |
| REGION 7 | 64,902 | 68,412 | 67,858 | 62,439 | 65,797 | 63,993 | 2,463 | 2,615 | 3,865 | 3.8% | 3.8% | 5.7% |
| Adams | 1.901 | 2,076 | 2,140 | 1,871 | 2,033 | 2,060 | 30 | 43 | 80 | 1.6% | 2.1% | 3.7% |
| Billings | 751 | 1,081 | 1,066 | 739 | 1,064 | 1,032 | 12 | 17 | 34 | 1.6% | 1.6% | 3.2% |
| Bowman | 2,253 | 2,529 | 2,557 | 2,198 | 2,467 | 2,388 | 55 | 62 | 169 | 2.4% | 2.5% | 6.6% |
| Dunn | 2,027 | 2,285 | 2,296 | 1,881 | 2,127 | 2,150 | 146 | 158 | 146 | 7.2% | 6.9% | 6.4% |
| Gldn Valley | 1,169 | 1,250 | 1,098 | 1,143 | 1,216 | 1,053 | 26 | 34 | 45 | 2.2% | 2.7% | 4.1% |
| Hettinger | 2,090 | 2,380 | 2,399 | 2,048 | 2,318 | 2,290 | 42 | 62 | 109 | 2.0% | 2.6% | 4.5% |
| Slope | 628 | 701 | 577 | 583 | 672 | 525 | 45 | 29 | 52 | 7.2% | 4.1% | 9.0% |
| Stark | 11,500 | 12,181 | 13,077 | 11,003 | 11,679 | 11,904 | 497 | 502 | 1,173 | 4.3% | 4.1% | 9.0% |
| REGION 8 | 22,319 | 24,483 | 25,210 | 21,466 | 23,576 | 23,402 | 853 | 907 | 1,808 | 3.8% | 3.7% | 7.2% |
| STATE TOTAL | 329,868 | 345,209 | 341,049 | 318,615 | 332,250 | 324,808 | 11,253 | 12,959 | 16,241 | 3.4% | 3.8% | 4.8% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | September 1987 | August 1987 | September 1986 | Percent Change From August 1987 | Percent Change From September 1986 |
|---|---|---|---|---|---|
| UNITED STATES | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 121,604 | 122,038 | 120,163 | -0.4% | 1.2% |
| Employment | 114,515 | 114,817 | 111,941 | -0.3% | 2.3% |
| Unemployment | 7,089 | 7,221 | 8,222 | -1.8% | -13.8% |
| Unemployment Rate | 5.8% | 5.9% | 6.8% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 329,870 | 345,210 | 341,050 | -4.4% | -3.3% |
| Employment | 318,620 | 332,250 | 324,810 | -4.1% | -1.9% |
| Unemployment | 11,250 | 12,960 | 16,240 | -13.2% | -30.7% |
| Unemployment Rate | 3.4% | 3.8% | 4.8% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 82,360 | 82,850 | 79,420 | -0.6% | 3.7% |
| Employment | 80,140 | 80,390 | 77,010 | -0.3% | 4.1% |
| Unemployment | 2,220 | 2,460 | 2,410 | -9.8% | -7.9% |
| Unemployment Rate | 2.7% | 3.0% | 3.0% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 34,750 | 35,040 | 33,060 | -0.8% | 5.1% |
| Employment | 33,830 | 33,630 | 32,200 | 0.6% | 5.1% |
| Unemployment | 920 | 1,410 | 860 | -34.8% | 7.0% |
| Unemployment Rate | 2.7% | 4.0% | 2.6% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 43,810 | 45,440 | 45,870 | -3.6% | -4.5% |
| Employment | 42,290 | 43,950 | 43,430 | -3.8% | -2.6% |
| Unemployment | 1,520 | 1,490 | 2,440 | 2.0% | -37.7% |
| Unemployment Rate | 3.5% | 3.3% | 5.3% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### AUGUST 1987
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 345.3 | 356.9 | 2,261.1 | 401.1 |
| Employment | 332.3 | 343.5 | 2,157.5 | 378.0 |
| Unemployment | 13.0 | 13.4 | 103.6 | 23.1 |
| Unemployment Rate | 3.8% | 3.8% | 4.6% | 5.8% |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street S
Phone: 237-7113

JAMESTOWN
429 Second Street SW
Phone: 251-2256

VALLEY CITY
2425 W Main
Phone: 845-7261

BEULAH
119 E Main
Phone: 873-5607

DEVILS LAKE
301 College Drive
Phone: 662-2181

GRAND FORKS
2016 S Washington
Phone: 777-3711

MANDAN
501 First Street NW
Phone: 663-6461

WAHPETON
524 Second Avenue N
Phone: 671-2711

ROLLA
103 E Main
Phone: 477-5631

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue S
Phone: 352-2202

MINOT
3416 N Broadway
Phone: 852-2164

WILLISTON
422 First Avenue W
Phone: 572-7771

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

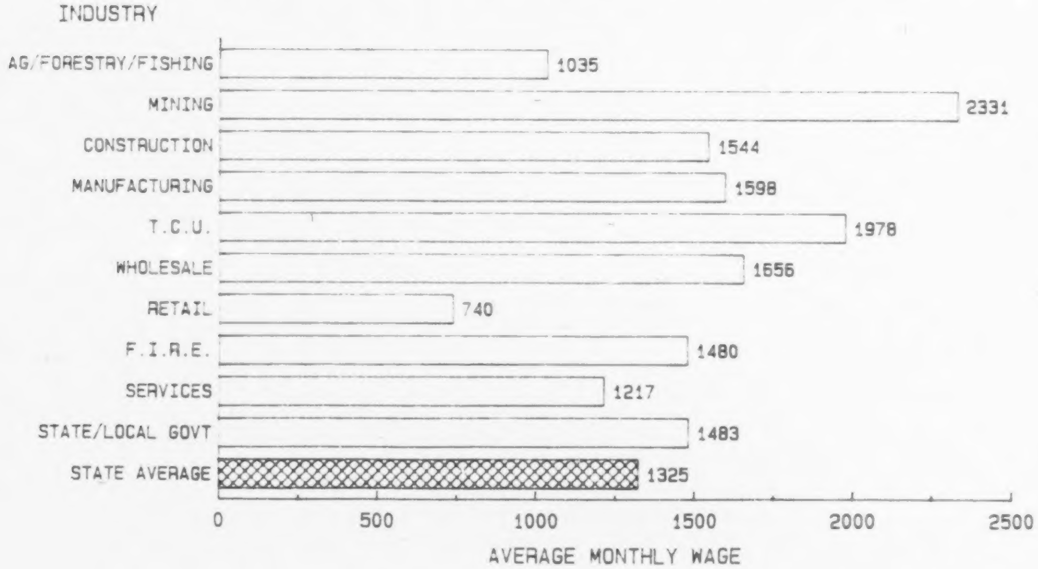
If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

12/11/87 S6140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

OCTOBER 1987
VOLUME 3, NUMBER 10



AVERAGE MONTHLY WAGES PAID BY NORTH DAKOTA EMPLOYERS IN THE SECOND QUARTER OF 1987

# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

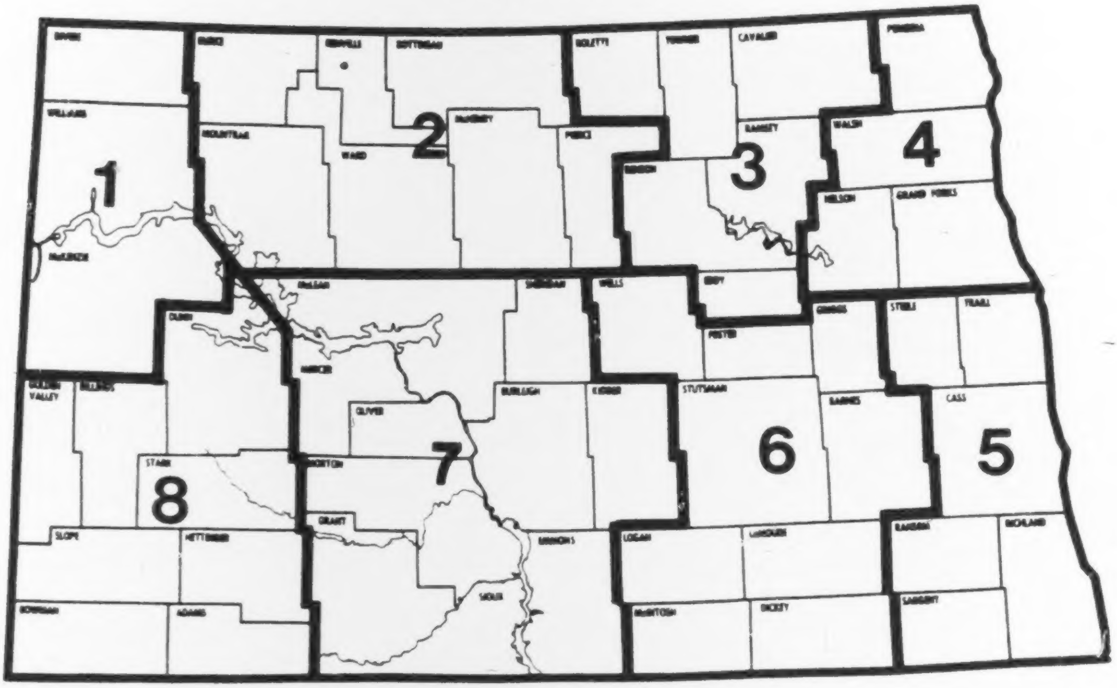
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# COVERED EMPLOYMENT IN NORTH DAKOTA - SECOND QUARTER 1987

Every three months over 19,000 North Dakota employers send a summary report of employment and wages to Job Service North Dakota. The workers employed by these firms are covered under the North Dakota unemployment insurance laws.

In the second quarter of 1987, the average number of workers covered under the state laws was 223,973. This is up sharply from the average of 215,558 in the first quarter of 1987. Increases in all industries, except government, contributed to the net gain of over 8,400. As expected, the major increases were in construction (+3,460) and retail trade (+2,030). The seasonal staffing in these two industries accounted for nearly two-thirds of the total gain. The services industry continues to grow with an addition of over 1,090 workers. Government was the only industry to register a decline and this was due to a reduction of staff at the educational facilities at both the state and local level.

Changes from one quarter to the next are influenced heavily by seasonal conditions. Therefore, a comparison with the data for the same period for prior years provides a better picture of the changes by industry. Employment increased by 1,030 between the second quarter 1986 and the second quarter 1987. Although this is a minor gain, it does indicate a positive trend. To illustrate the significance, this is the first time since the second quarter of 1984 that an over-the-year increase has been recorded. The services industry added 1,160 while retail trade rose by 390. While there were minor increases in some of the other industries, three recorded declines. Mining continues to decline (-660), due primarily to low prices and an abundant supply of crude petroleum at the international level. Wholesale trade, which is tied to the mining and agricultural sectors, was down 10. Government employment recorded a decrease of 370.

Total wages paid by employers to workers covered by unemployment insurance totaled $890.4 million in the second quarter of 1987. This is up from $844.4 million in the first quarter. Wage changes usually follow the change in employment. The percentage change in wages is usually slightly greater than the percentage increase in employment, as wages are raised to keep pace with inflation. Between the first and second quarters of 1987, employment rose by 3.9% while wages moved upward by 5.5%.

Total wages paid in the second quarter of 1986 were $869.7 million compared to $890.4 million in the second quarter 1987. Employment over the year rose by 0.5% while the wages increased by 2.4%. Three of the smaller industries--mining, construction, and transportation, communications, and utilities--did not follow this trend. The remaining industries, which accounted for over four-fifths of the gross wages paid in the quarter, had a greater percentage increase in wages than in employment.

The average monthly wage rose from $1,306 in the first quarter of 1987 to $1,325 in the second quarter. State and local government increased by $81 with the gain occurring entirely in the local government sector. Employment in schools dropped sharply in June; however, total wages rose for the quarter as contracts were completed, causing the average salary to rise sharply. The average in the finance, insurance and real estate industry dropped by $114 as bonuses paid in the first quarter inflated the monthly wage.

Compared to the second quarter of 1986, the average wage is up by $25. All industries except mining, construction and the combined industry of transportation, communications and utilities, recorded minor gains.

Monthly wages by industry have a wide variation. The average for all industries was $1,325 for the second quarter of 1987. Although employment and overall activity is down in the mining industry, those individuals that retain their jobs boast the highest earnings compared to the other industries. Their average of $2,331 per month is 75.9% greater than for all industries combined. On the other end of the scale is the retail trade industry where the average is only $740. The industry includes a large number of establishments that must keep a close watch on their staffing. As an example, fast food restaurants must have more workers during rush hours than during the slack periods. Other firms, such as department, specialty and variety stores, may use part-time employees during evening hours, on weekends, or during the holiday season. Students and others interested in part-time work are able to fill these jobs. Since little or no experience is required, most employers offer only the minimum wage. The combination of reduced hours and low wages results in a low average monthly wage for the workers in the retail trade industry.

**Dale R. Dehlin**
**Research Analyst**

NORTH DAKOTA

(Rounded to Hundreds)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | OCT 1987 | SEPT 1987 | OCT 1986 | SEPT 1987 | OCT 1986 |
| TOTAL | 257,800 | 256,400 | 253,300 | 0.5% | 1.8% |
| MINING | 4,400 | 4,500 | 4,400 | -2.2% | 0.0% |
| COAL | 1,100 | 1,100 | 1,200 | 0.0% | -8.3% |
| CRUDE PET. & NAT. GAS | 2,800 | 2,800 | 2,700 | 0.0% | 3.7% |
| OTHER MINING | 500 | 600 | 500 | -16.7% | 0.0% |
| CONSTRUCTION | 13,000 | 13,200 | 12,900 | -1.5% | 0.8% |
| BUILDING CONSTRUCTION | 3,200 | 3,200 | 3,400 | 0.0% | -5.9% |
| STREET HIGHWAY & HEAVY | 3,900 | 4,000 | 3,900 | -2.5% | 0.0% |
| SPECIAL TRADE CONSTRUCTION | 5,900 | 6,000 | 5,600 | -1.7% | 5.4% |
| MANUFACTURING | 16,100 | 16,500 | 16,100 | -2.4% | 0.0% |
| DURABLE GOODS | 6,700 | 6,800 | 6,300 | -1.5% | 6.3% |
| STONE, CLAY & GLASS | 800 | 800 | 800 | 0.0% | 0.0% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 3,900 | 4,000 | 3,600 | -2.5% | 8.3% |
| OTHER DURABLE GOODS | 1,200 | 1,200 | 1,200 | 0.0% | 0.0% |
| NONDURABLE GOODS | 9,400 | 9,700 | 9,800 | -3.1% | -4.1% |
| FOOD & KINDRED PRODUCTS | 4,600 | 4,900 | 5,100 | -6.1% | -9.8% |
| DAIRY PRODUCTS | 700 | 800 | 800 | -12.5% | -12.5% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| BAKERY PRODUCTS | 300 | 400 | 400 | -25.0% | -25.0% |
| OTHER FOOD & KINDRED | 1,500 | 1,600 | 1,700 | -6.3% | -11.8% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,500 | 0.0% | -4.0% |
| OTHER NONDURABLE GOODS | 2,400 | 2,400 | 2,200 | 0.0% | 9.1% |
| TRANS. COMM. & UTILITIES | 16,500 | 16,400 | 15,900 | 0.6% | 3.8% |
| TRANSPORTATION | 8,500 | 8,400 | 7,900 | 1.2% | 7.6% |
| TRUCKING & WAREHOUSE | 5,100 | 5,000 | 4,500 | 2.0% | 13.3% |
| OTHER TRANSPORTATION | 3,400 | 3,400 | 3,400 | 0.0% | 0.0% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,800 | 4,800 | 4,800 | 0.0% | 0.0% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | OCT 1987 | SEPT 1987 | OCT 1986 | SEPT 1987 | OCT 1986 |
| WHOLESALE TRADE | 19,500 | 19,500 | 19,300 | 0.0% | 1.0% |
| DURABLE GOODS | 9,100 | 9,200 | 9,000 | -1.1% | 1.1% |
| NONDURABLE GOODS | 10,400 | 10,300 | 10,300 | 1.0% | 1.0% |
| RETAIL TRADE | 48,800 | 48,700 | 47,600 | 0.2% | 2.5% |
| GENERAL MERCHANDISE | 6,500 | 6,300 | 6,200 | 3.2% | 4.8% |
| FOOD STORES | 6,700 | 6,700 | 6,700 | 0.0% | 0.0% |
| AUTO DEALERS & SERVICE ST. | 6,700 | 6,700 | 6,600 | 0.0% | 1.5% |
| APPAREL & ACCESSORIES | 2,700 | 2,600 | 2,600 | 3.8% | 3.8% |
| OTHER RETAIL | 26,200 | 26,400 | 25,500 | -0.8% | 2.7% |
| FINANCE, INS. & REAL ESTATE | 12,500 | 12,500 | 12,400 | 0.0% | 0.8% |
| FINANCE | 6,800 | 6,800 | 6,800 | 0.0% | 0.0% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,600 | 2,600 | 2,600 | 0.0% | 0.0% |
| INSURANCE | 3,800 | 3,800 | 3,800 | 0.0% | 0.0% |
| REAL ESTATE | 1,900 | 1,900 | 1,800 | 0.0% | 5.6% |
| SERVICES | 61,700 | 61,900 | 59,600 | -0.3% | 3.5% |
| LODGING | 4,300 | 4,400 | 4,200 | -2.3% | 2.4% |
| HEALTH SERVICES | 26,400 | 26,400 | 25,400 | 0.0% | 3.9% |
| NURSING CARE & HOSPITALS | 19,500 | 19,500 | 18,800 | 0.0% | 3.7% |
| OTHER MEDICAL SERVICES | 6,900 | 6,900 | 6,600 | 0.0% | 4.5% |
| OTHER SERVICES | 31,000 | 31,100 | 30,000 | -0.3% | 3.3% |
| GOVERNMENT | 65,300 | 63,200 | 65,100 | 3.3% | 0.3% |
| FEDERAL | 10,100 | 10,200 | 10,000 | -1.0% | 1.0% |
| STATE GOVERNMENT | 20,100 | 18,400 | 20,300 | 9.2% | -1.0% |
| EDUCATIONAL SERVICES | 13,100 | 11,200 | 13,300 | 17.0% | -1.5% |
| OTHER STATE GOVERNMENT | 7,000 | 7,200 | 7,000 | -2.8% | 0.0% |
| LOCAL GOVERNMENT | 35,100 | 34,600 | 34,800 | 1.4% | 0.9% |
| EDUCATIONAL SERVICES | 17,300 | 16,300 | 17,200 | 6.1% | 0.6% |
| OTHER LOCAL GOVERNMENT | 17,800 | 18,300 | 17,600 | -2.7% | 1.1% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: | |
|---|---|---|---|---|---|
| | | | | LAST MONTH | LAST YEAR |
| FARGO-MOORHEAD MSA | OCT 1987 | SEPT 1987 | OCT 1986 | SEPT 1987 | OCT 1986 |
| TOTAL | 72,300 | 70,400 | 70,700 | 2.7% | 2.3% |
| MINING  CONSTRUCTION | 4,100 | 4,000 | 4,000 | 2.5% | 2.5% |
| MANUFACTURING | 5,000 | 5,200 | 5,100 | -3.8% | -2.0% |
| DURABLE GOODS | 2,200 | 2,200 | 2,000 | 0.0% | 10.0% |
| NONDURABLE GOODS | 2,800 | 3,000 | 3,100 | -6.7% | -9.7% |
| TRANS., COMM. & UTILITIES | 4,400 | 4,300 | 4,300 | 2.3% | 2.3% |
| TRADE | 21,100 | 21,000 | 20,600 | 0.5% | 2.4% |
| WHOLESALE TRADE | 6,400 | 6,400 | 6,400 | 0.0% | 0.0% |
| RETAIL TRADE | 14,700 | 14,600 | 14,200 | 0.7% | 3.5% |
| FINANCE, INS. & REAL ESTATE | 4,500 | 4,500 | 4,300 | 0.0% | 4.7% |
| SERVICES | 19,200 | 18,200 | 18,500 | 5.5% | 3.8% |
| GOVERNMENT | 14,000 | 13,200 | 13,900 | 6.1% | 0.7% |
| FEDERAL | 2,200 | 2,200 | 2,100 | 0.0% | 4.8% |
| STATE & LOCAL | 11,800 | 11,000 | 11,800 | 7.3% | 0.0% |
| GRAND FORKS MSA | | | | | |
| TOTAL | 30,300 | 29,300 | 29,500 | 3.4% | 2.7% |
| MINING & CONSTRUCTION | 1,900 | 2,000 | 1,900 | -5.0% | 0.0% |
| MANUFACTURING | 1,600 | 1,600 | 1,500 | 0.0% | 6.7% |
| TRANS., COMM. & UTILITIES | 1,500 | 1,500 | 1,400 | 0.0% | 7.1% |
| TRADE | 8,300 | 8,300 | 8,100 | 0.0% | 2.5% |
| WHOLESALE TRADE | 1,400 | 1,400 | 1,400 | 0.0% | 0.0% |
| RETAIL TRADE | 6,900 | 6,900 | 6,700 | 0.0% | 3.0% |
| FINANCE, INS. & REAL ESTATE | 1,200 | 1,200 | 1,200 | 0.0% | 0.0% |
| SERVICES | 6,600 | 6,500 | 6,300 | 1.5% | 4.8% |
| GOVERNMENT | 9,200 | 8,200 | 9,100 | 12.2% | 1.1% |
| BISMARCK MSA | | | | | |
| TOTAL | 36,900 | 37,100 | 36,400 | -0.5% | 1.4% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,700 | 1,800 | 1,700 | -5.6% | 0.0% |
| MANUFACTURING | 1,900 | 2,000 | 1,900 | -5.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,700 | 0.0% | 0.0% |
| TRADE | 9,900 | 9,900 | 9,600 | 0.0% | 3.1% |
| WHOLESALE TRADE | 2,100 | 2,200 | 2,200 | -4.5% | -4.5% |
| RETAIL TRADE | 7,800 | 7,700 | 7,400 | 1.3% | 5.4% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,700 | 0.0% | -5.9% |
| SERVICES | 10,500 | 10,500 | 10,300 | 0.0% | 1.9% |
| GOVERNMENT | 8,400 | 8,400 | 8,300 | 0.0% | 1.2% |

(1967=100)

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

| | Annual Average 1986 | Oct 1987 | Sept 1987 | Oct 1986 | Percent Change From Sept 1987 | Percent Change From Oct 1986 |
|---|---|---|---|---|---|---|
| All Items | 328.4 | 345.3 | 344.4 | 330.5 | 0.3% | 4.5% |
| Food & Beverage | 311.8 | 326.9 | 326.4 | 315.6 | 0.2% | 3.6% |
| Housing | 360.2 | 375.2 | 375.4 | 363.0 | -0.1% | 3.4% |
| Apparel & Upkeep | 207.8 | 226.3 | 222.2 | 213.2 | 1.8% | 6.1% |
| Transportation | 307.5 | 321.9 | 320.4 | 302.6 | 0.5% | 6.4% |
| Medical Care | 433.5 | 469.8 | 467.8 | 442.3 | 0.4% | 6.2% |
| Entertainment | 274.1 | 287.1 | 285.2 | 276.5 | 0.7% | 3.8% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1986 | Oct 1987 | Sept 1987 | Oct 1986 | Percent Change From Sept 1987 | Percent Change From Oct 1986 |
|---|---|---|---|---|---|---|
| All Commodities | 299.8 | 311.4 | 310.4 | 298.4 | 0.3% | 4.4% |
| Farm Products & Processed Food and Feeds | 252.0 | 258.7 | 260.0 | 254.8 | -0.5% | 1.5% |
| Industrial Commodities | 312.1 | 324.9 | 323.3 | 309.6 | 0.5% | 4.9% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Oct 1987 | Sept 1987 | Oct 1986 | Oct 1987 | Sept 1987 | Oct 1986 | Oct 1987 | Sept 1987 | Oct 1986 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 409.77 | 406.41 | 395.60 | 41.1 | 40.6 | 40.7 | 9.97 | 10.01 | 9.72 |
| Durable Goods | 438.27 | 432.14 | 424.15 | 41.7 | 41.0 | 41.3 | 10.51 | 10.54 | 10.27 |
| Nondurable Goods | 371.16 | 373.46 | 358.40 | 40.3 | 40.2 | 40.0 | 9.21 | 9.29 | 8.96 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 332.28 | 329.64 | 319.45 | 39.0 | 38.6 | 39.1 | 8.52 | 8.54 | 8.17 |
| Durable Goods | 362.64 | 351.04 | 353.03 | 40.7 | 39.8 | 40.3 | 8.91 | 8.82 | 8.76 |
| Nondurable Goods | 311.09 | 316.09 | 299.14 | 37.8 | 37.9 | 38.4 | 8.23 | 8.34 | 7.79 |
| Food & Kindred | 312.23 | 326.76 | 311.22 | 37.8 | 38.9 | 39.9 | 8.26 | 8.40 | 7.80 |
| Printing and Publishing | 261.24 | 268.16 | 277.23 | 31.1 | 31.4 | 32.5 | 8.40 | 8.54 | 8.53 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 331.19 | 334.63 | 320.92 | 38.6 | 38.2 | 37.8 | 8.58 | 8.76 | 8.49 |
| Durable Goods | 345.86 | 346.21 | 340.49 | 39.8 | 38.9 | 38.3 | 8.69 | 8.90 | 8.89 |
| Nondurable Goods | 319.22 | 326.11 | 309.38 | 37.6 | 37.7 | 37.5 | 8.49 | 8.65 | 8.25 |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct'87 | Sept'87 | Oct'86 | Oct'87 | Sept'87 | Oct'86 | 10/87 | 9/87 | 10/86 | 10/87 | 9/87 | 10/86 |
| Divide | 1,481 | 1,646 | 1,624 | 1,428 | 1,591 | 1,559 | 53 | 55 | 65 | 3.6% | 3.3% | 4.0% |
| McKenzie | 2,788 | 3,000 | 3,411 | 2,663 | 2,880 | 3,199 | 125 | 120 | 212 | 4.5% | 4.0% | 6.2% |
| Williams | 10,118 | 10,633 | 12,561 | 9,530 | 9,909 | 10,986 | 588 | 724 | 1,575 | 5.8% | 6.8% | 12.5% |
| REGION 1 | 14,387 | 15,279 | 17,596 | 13,621 | 14,380 | 15,744 | 766 | 899 | 1,852 | 5.3% | 5.9% | 10.5% |
| Bottineau | 3,648 | 3,884 | 3,712 | 3,485 | 3,739 | 3,510 | 163 | 145 | 202 | 4.5% | 3.7% | 5.4% |
| Burke | 1,405 | 1,516 | 1,602 | 1,338 | 1,435 | 1,484 | 67 | 81 | 118 | 4.8% | 5.3% | 7.4% |
| McHenry | 2,840 | 3,063 | 2,933 | 2,654 | 2,887 | 2,752 | 186 | 176 | 181 | 6.5% | 5.7% | 6.2% |
| Mountrail | 3,309 | 3,558 | 3,610 | 3,117 | 3,362 | 3,305 | 192 | 196 | 305 | 5.8% | 5.5% | 8.4% |
| Pierce | 2,460 | 2,700 | 2,657 | 2,393 | 2,620 | 2,578 | 67 | 80 | 79 | 2.7% | 3.0% | 3.0% |
| Renville | 1,303 | 1,423 | 1,410 | 1,228 | 1,363 | 1,295 | 75 | 60 | 115 | 5.8% | 4.2% | 8.2% |
| Ward | 24,873 | 25,177 | 25,134 | 23,929 | 24,253 | 23,868 | 944 | 924 | 1,266 | 3.8% | 3.7% | 5.0% |
| REGION 2 | 39,838 | 41,321 | 41,058 | 38,144 | 39,659 | 38,792 | 1,694 | 1,662 | 2,266 | 4.3% | 4.0% | 5.5% |
| Benson | 3,177 | 3,432 | 3,466 | 3,002 | 3,237 | 3,267 | 175 | 195 | 199 | 5.5% | 5.7% | 5.7% |
| Cavalier | 2,708 | 2,899 | 2,666 | 2,622 | 2,827 | 2,602 | 86 | 72 | 64 | 3.2% | 2.5% | 2.4% |
| Eddy | 1,440 | 1,536 | 1,463 | 1,365 | 1,469 | 1,420 | 75 | 67 | 43 | 5.2% | 4.4% | 2.9% |
| Ramsey | 6,469 | 6,622 | 6,290 | 6,283 | 6,413 | 6,088 | 186 | 209 | 202 | 2.9% | 3.2% | 3.2% |
| Rolette | 5,054 | 4,956 | 5,272 | 4,383 | 4,432 | 4,723 | 671 | 524 | 549 | 13.3% | 10.6% | 10.4% |
| Towner | 1,861 | 1,963 | 1,728 | 1,819 | 1,946 | 1,695 | 42 | 17 | 33 | 2.3% | 0.9% | 1.9% |
| REGION 3 | 20,709 | 21,408 | 20,885 | 19,474 | 20,324 | 19,795 | 1,235 | 1,084 | 1,090 | 6.0% | 5.1% | 5.2% |
| Grand Forks | 35,482 | 34,871 | 35,160 | 34,370 | 33,946 | 34,190 | 1,112 | 925 | 970 | 3.1% | 2.7% | 2.8% |
| Nelson | 2,041 | 2,210 | 2,079 | 1,988 | 2,159 | 2,030 | 53 | 51 | 49 | 2.6% | 2.3% | 2.4% |
| Pembina | 5,571 | 5,644 | 5,550 | 5,246 | 5,389 | 5,246 | 325 | 255 | 304 | 5.8% | 4.5% | 5.5% |
| Walsh | 8,203 | 8,662 | 8,606 | 7,949 | 8,416 | 8,331 | 254 | 246 | 275 | 3.1% | 2.8% | 3.2% |
| REGION 4 | 51,297 | 51,387 | 51,395 | 49,553 | 49,910 | 49,797 | 1,744 | 1,477 | 1,598 | 3.4% | 2.9% | 3.1% |
| Cass | 57,940 | 57,183 | 57,293 | 56,249 | 55,798 | 55,814 | 1,691 | 1,385 | 1,479 | 2.9% | 2.4% | 2.6% |
| Ransom | 2,754 | 2,947 | 2,793 | 2,674 | 2,851 | 2,744 | 80 | 96 | 49 | 2.9% | 3.3% | 1.8% |
| Richland | 8,641 | 9,107 | 8,813 | 8,394 | 8,824 | 8,495 | 247 | 283 | 318 | 2.9% | 3.1% | 3.6% |
| Sargent | 2,533 | 2,669 | 2,628 | 2,451 | 2,601 | 2,534 | 82 | 68 | 94 | 3.2% | 2.5% | 3.6% |
| Steele | 1,203 | 1,367 | 1,177 | 1,181 | 1,334 | 1,143 | 22 | 33 | 34 | 1.8% | 2.4% | 2.9% |
| Traill | 4,890 | 5,089 | 4,835 | 4,727 | 4,894 | 4,717 | 163 | 195 | 118 | 3.3% | 3.8% | 2.4% |
| REGION 5 | 77,961 | 78,362 | 77,539 | 75,676 | 76,302 | 75,447 | 2,285 | 2,060 | 2,092 | 2.9% | 2.6% | 2.7% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oct 1987 | Sept 1987 | Oct 1986 | Oct 1987 | Sept 1987 | Oct 1986 | Oct 1987 | Sept 1987 | Oct 1986 | Oct 1987 | Sept 1987 | Oct 1986 |
| Barnes | 6,111 | 6,414 | 6,026 | 6,001 | 6,304 | 5,902 | 110 | 110 | 124 | 1.8% | 1.7% | 2.1% |
| Dickey | 3,347 | 3,595 | 3,422 | 3,221 | 3,500 | 3,346 | 126 | 95 | 76 | 3.8% | 2.6% | 2.2% |
| Foster | 2,092 | 2,263 | 2,261 | 2,042 | 2,199 | 2,163 | 50 | 64 | 98 | 2.4% | 2.8% | 4.3% |
| Griggs | 1,533 | 1,683 | 1,527 | 1,513 | 1,672 | 1,499 | 20 | 11 | 28 | 1.3% | 0.7% | 1.8% |
| La Moure | 2,490 | 2,748 | 2,485 | 2,456 | 2,713 | 2,429 | 34 | 35 | 56 | 1.4% | 1.3% | 2.3% |
| Logan | 1,531 | 1,684 | 1,561 | 1,507 | 1,670 | 1,493 | 24 | 14 | 68 | 1.6% | 0.8% | 4.4% |
| McIntosh | 2,306 | 2,442 | 2,310 | 2,237 | 2,392 | 2,252 | 69 | 50 | 58 | 3.0% | 2.0% | 2.5% |
| Stutsman | 11,961 | 12,412 | 12,340 | 11,654 | 12,124 | 11,847 | 307 | 288 | 493 | 2.6% | 2.3% | 4.0% |
| Wells | 2,925 | 3,090 | 2,967 | 2,808 | 2,994 | 2,879 | 117 | 96 | 88 | 4.0% | 3.1% | 3.0% |
| REGION 6 | 34,296 | 36,331 | 34,899 | 33,439 | 35,568 | 33,810 | 857 | 763 | 1,089 | 2.5% | 2.1% | 3.1% |
| Burleigh | 31,681 | 32,246 | 31,564 | 30,517 | 31,100 | 29,972 | 1,164 | 1,146 | 1,592 | 3.7% | 3.6% | 5.0% |
| Emmons | 2,283 | 2,462 | 2,314 | 2,200 | 2,402 | 2,200 | 83 | 60 | 114 | 3.6% | 2.4% | 4.9% |
| Grant | 2,047 | 2,300 | 2,033 | 1,957 | 2,201 | 1,957 | 90 | 99 | 76 | 4.4% | 4.3% | 3.7% |
| Kidder | 1,594 | 1,794 | 1,646 | 1,541 | 1,726 | 1,548 | 53 | 68 | 98 | 3.3% | 3.8% | 6.0% |
| McLean | 4,719 | 5,020 | 4,622 | 4,532 | 4,798 | 4,334 | 187 | 222 | 288 | 4.0% | 4.4% | 6.2% |
| Mercer | 5,520 | 5,667 | 5,373 | 5,217 | 5,392 | 4,906 | 303 | 275 | 467 | 5.5% | 4.9% | 8.7% |
| Morton | 11,757 | 11,957 | 11,728 | 11,361 | 11,577 | 11,158 | 396 | 380 | 570 | 3.4% | 3.2% | 4.9% |
| Oliver | 1,133 | 1,158 | 1,360 | 1,098 | 1,120 | 1,297 | 35 | 38 | 63 | 3.1% | 3.3% | 4.6% |
| Sheridan | 1,198 | 1,378 | 1,296 | 1,156 | 1,340 | 1,250 | 42 | 38 | 46 | 3.5% | 2.8% | 3.5% |
| Sioux | 1,387 | 1,432 | 1,382 | 1,225 | 1,289 | 1,272 | 162 | 143 | 110 | 11.7% | 10.0% | 8.0% |
| REGION 7 | 63,319 | 65,414 | 63,318 | 60,804 | 62,945 | 59,894 | 2,515 | 2,469 | 3,424 | 4.0% | 3.8% | 5.4% |
| Adams | 1,801 | 1,914 | 1,815 | 1,770 | 1,884 | 1,765 | 31 | 30 | 50 | 1.7% | 1.6% | 2.8% |
| Billings | 770 | 755 | 718 | 752 | 743 | 700 | 18 | 12 | 18 | 2.3% | 1.6% | 2.5% |
| Bowman | 2,108 | 2,267 | 2,197 | 2,060 | 2,212 | 2,059 | 48 | 55 | 138 | 2.3% | 2.4% | 6.3% |
| Dunn | 1,787 | 2,034 | 1,885 | 1,658 | 1,888 | 1,780 | 129 | 146 | 105 | 7.2% | 7.2% | 5.6% |
| Gldn Valley | 1,094 | 1,176 | 1,072 | 1,067 | 1,150 | 1,043 | 27 | 26 | 29 | 2.5% | 2.2% | 2.7% |
| Hettinger | 1,902 | 2,100 | 2,089 | 1,844 | 2,058 | 1,978 | 58 | 42 | 111 | 3.0% | 2.0% | 5.3% |
| Slope | 514 | 629 | 507 | 462 | 584 | 468 | 52 | 45 | 39 | 10.1% | 7.2% | 7.7% |
| Stark | 11,190 | 11,598 | 11,844 | 10,738 | 11,099 | 10,825 | 452 | 499 | 1,019 | 4.0% | 4.3% | 8.6% |
| REGION 8 | 21,166 | 22,473 | 22,127 | 20,351 | 21,618 | 20,618 | 815 | 855 | 1,509 | 3.9% | 3.8% | 6.8% |
| STATE TOTAL | 322,973 | 331,975 | 328,812 | 311,062 | 320,706 | 313,895 | 11,911 | 11,269 | 14,917 | 3.7% | 3.4% | 4.5% |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | | | | Percent Change From | |
|---|---|---|---|---|---|
| | October 1987 | September 1987 | October 1986 | September 1987 | October 1986 |
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 122,102 | 121,604 | 120,163 | 0.4% | 1.6% |
| Employment | 114,928 | 114,515 | 111,941 | 0.4% | 2.7% |
| Unemployment | 7,174 | 7,089 | 8,222 | 1.2% | -12.7% |
| Unemployment Rate | 5.9% | 5.8% | 6.8% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 322,970 | 331,980 | 328,820 | -2.7% | -1.8% |
| Employment | 311,060 | 320,710 | 313,900 | -3.0% | -0.9% |
| Unemployment | 11,910 | 11,270 | 14,920 | 5.7% | -20.2% |
| Unemployment Rate | 3.7% | 3.4% | 4.5% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 83,660 | 82,740 | 82,730 | 1.1% | 1.1% |
| Employment | 81,180 | 80,520 | 80,570 | 0.8% | 0.8% |
| Unemployment | 2,480 | 2,220 | 2,160 | 11.7% | 14.8% |
| Unemployment Rate | 3.0% | 2.7% | 2.6% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 35,480 | 34,880 | 35,160 | 1.7% | 0.9% |
| Employment | 34,370 | 33,950 | 34,190 | 1.2% | 0.5% |
| Unemployment | 1,110 | 930 | 970 | 19.4% | 14.4% |
| Unemployment Rate | 3.1% | 2.7% | 2.8% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 43,440 | 44,210 | 43,290 | -1.7% | 0.3% |
| Employment | 41,880 | 42,680 | 41,130 | -1.9% | 1.8% |
| Unemployment | 1,560 | 1,530 | 2,160 | 2.0% | -27.8% |
| Unemployment Rate | 3.6% | 3.5% | 5.0% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

SEPTEMBER 1987
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 332.0 | 352.5 | 2,246.4 | 392.9 |
| Employment | 320.7 | 338.6 | 2,142.3 | 371.2 |
| Unemployment | 11.3 | 13.9 | 104.1 | 21.7 |
| Unemployment Rate | 3.4% | 3.9% | 4.6% | 5.5% |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

DEVILS LAKE
301 College Drive
Phone: 662-2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street S
Phone: 237-7113

GRAND FORKS
2016 S Washington
Phone: 777-3711

GRAFTON
728 Hill Avenue S
Phone: 352-2202

JAMESTOWN
429 Second Street SW
Phone: 251-2256

MANDAN
501 First Street NW
Phone: 663-6461

MINOT
3416 N Broadway
Phone: 852-2164

VALLEY CITY
2425 W Main
Phone: 845-7261

WAHPETON
524 Second Avenue N
Phone: 671-2711

WILLISTON
422 First Avenue W
Phone: 572-7771

BEULAH
119 E Main
Phone: 873-5607

ROLLA
103 E Main
Phone: 477-5631

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

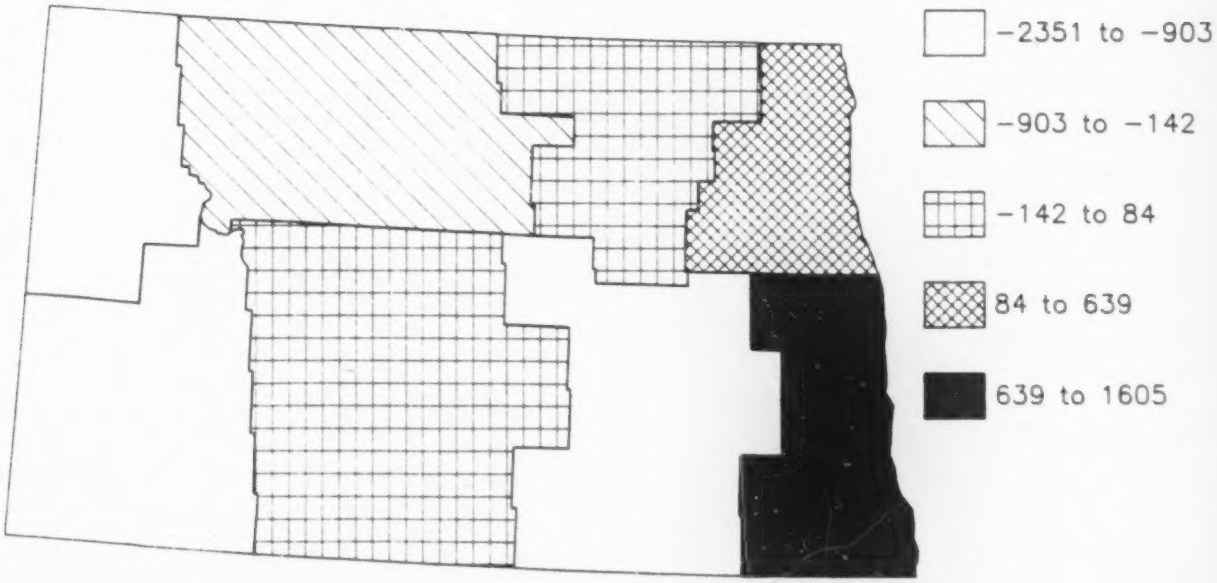
1/5/88 56140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

NOVEMBER 1987

VOLUME 3, NUMBER 11

## COVERED EMPLOYMENT CHANGE BY REGION
## 1985 TO 1986


☐ -2351 to -903
▨ -903 to -142
⊞ -142 to 84
▩ 84 to 639
■ 639 to 1605

# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

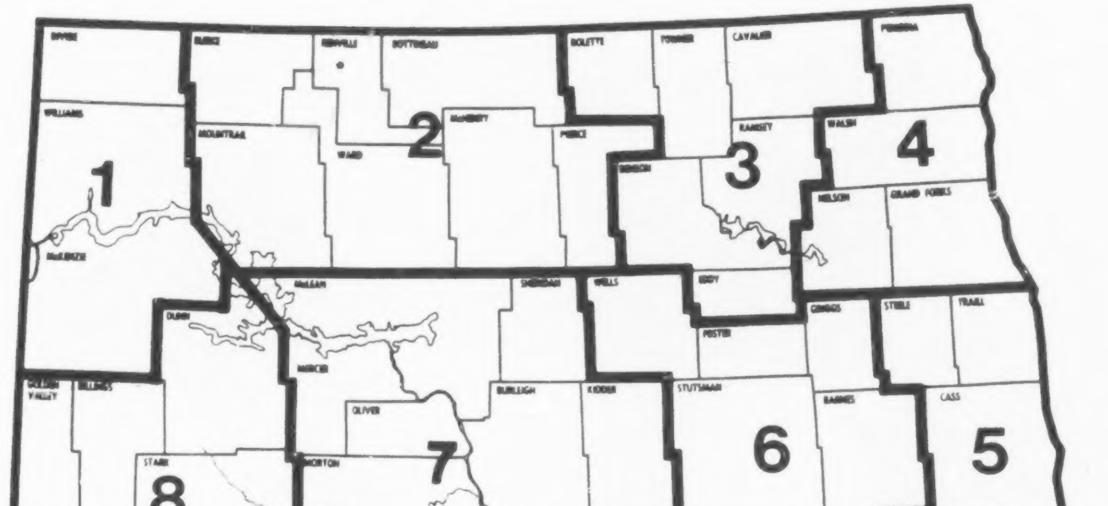
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# NORTH DAKOTA EMPLOYMENT AND WAGES, 1986

The annual publication North Dakota Employment and Wages, 1986 is being prepared and will be ready for distribution near the first of the year. This report contains employment and wage data for all workers in North Dakota who are covered by either the state or federal unemployment insurance laws. The publication includes sections on the state, the eight planning regions and the fifty-three counties. Employment is listed by month with annual averages, while wages are listed by quarter with a cumulative figure for the year and an annual average per worker. The counties and regions are in major industry division detail, while more detailed industry groups are produced for the state table.

A comparison of annual average earnings per worker, by county, for 1985 and 1986 is included. The table lists numerical and percentage changes between the two years.

A final companion table lists unemployment benefit payments by month, by county, for the year. Total payments for each month, as well as county totals, are listed. A final item included is the average weekly benefit amount received by claimants in each county.

The report is intended, primarily, for the use of planners both in the public and private sectors. Businesses contemplating locating in a new area, or expanding their operations, need to gather and analyze all pertinent information that is available. Government planners use the information to chart the various components (employment, total wages, annual average wages, and benefit payments) to determine trends and the need for assistance, support or training programs in specific areas. Some of the highlights that follow were obtained from the current publication or by comparing the information contained in the current edition with the one produced last year.

The average annual wage moved up from $15,582 in 1985 to $15,771 in 1986. The mining industry has been in a slump for the past two to three years due to low prices and an abundant supply of crude oil. However, in 1985, workers in the industry had an average annual income of $27,242. In 1986, their income increased by $990 to reach $28,232. In both years, the income in mining was the highest when compared with all other industries. The combined industry--transportation, communications and utilities--had the second highest annual earnings totaling $23,914. Five industries had income in the $17,000 to $19,000 range. Retail trade continues to bring the average down. In 1986, the workers in the retail industry earned only $8,940. This is low due to the large number of part-time workers in the industry as well as many workers entering the labor force through entry-level jobs where the minimum wage is offered as the starting salary.

The highest annual wage for a planning region was in Region VII where the average was $17,589. The region contains two counties that have the highest annual earnings in the state. Oliver led all counties with an average of $27,416 followed by Mercer with $25,367. Both counties are known for their energy-producing facilities, and the higher wages paid in these plants and support facilities strongly influence the county average. The lowest earnings occurred in our most sparsely populated county, Slope, with only 96 people employed in covered employment. The average for these workers was $8,261 in 1986, down from $9,546 in 1985. Most of the employment is in retail trade, services, and government with the annual salary totaling less than $7,000 per year.

Annual earnings in the mining industry in Region I increased moderately from $24,537 to $24,968 ($431). A question of more importance would be what happened to total earnings in the industry and what effect did it have on the region. In 1985, wages paid in the mining industry totaled over $80 million but dropped to less than $46 million in 1986--a decline of 43%. Total wages in the region were down sharply from $249 million in 1985 to only $195 million in 1986--a drop of 22%.

While total employment and earnings were down, unemployment benefit payments went up dramatically. In 1985, payments in Divide, McKenzie and Williams Counties, which comprise Region I, were $2.9 million. In 1986, they jumped to $6.9 million as unemployed workers filed for benefits.

In contrast, Region IV in the northeast corner of the state, and Region V in the southeast, registered gains in all areas. Region IV added 639 workers, and payrolls increased from $520.1 million to $543.5 million. In Region V, the growth was even stronger with employment rising by 1,605. Payrolls also increased, rising from $1,005.6 million to $1,056.4 million in 1986.

The brief comparisons that appear above are intended to illustrate the use that can be made of the data contained in the publication North Dakota Employment and Wages, 1986. If you are not on our mailing list and would like to receive a copy, write to the Research Section at the address listed on the back cover. If you prefer, copies can be requested by calling toll free in North Dakota 1-800-732-9787. Out-of-state calls or those in the Bismarck-Mandan area should call (701) 224-3050.

**Dale R. Dehlin**
**Research Analyst**

## NORTH DAKOTA

(Rounded to Hundreds)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | NOV 1987 | OCT 1987 | NOV 1986 | OCT 1987 | NOV 1986 |
| TOTAL | 255,600 | 257,700 | 250,900 | -0.8% | 1.9% |
| MINING | 4,300 | 4,400 | 4,300 | -2.3% | 0.0% |
| COAL | 1,000 | 1,100 | 1,200 | -9.1% | -16.7% |
| CRUDE PET. & NAT. GAS | 2,900 | 2,800 | 2,700 | 3.6% | 7.4% |
| OTHER MINING | 400 | 500 | 400 | -20.0% | 0.0% |
| CONSTRUCTION | 11,300 | 13,000 | 11,000 | -13.1% | 2.7% |
| BUILDING CONSTRUCTION | 2,900 | 3,200 | 3,000 | -9.4% | -3.3% |
| STREET HIGHWAY & HEAVY | 2,800 | 3,900 | 2,900 | -28.2% | -3.4% |
| SPECIAL TRADE CONSTRUCTION | 5,600 | 5,900 | 5,100 | -5.1% | 9.8% |
| MANUFACTURING | 15,900 | 16,400 | 15,600 | -3.0% | 1.9% |
| DURABLE GOODS | 6,700 | 6,800 | 6,200 | -1.5% | 8.1% |
| STONE, CLAY & GLASS | 700 | 800 | 700 | -12.5% | 0.0% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 3,900 | 4,000 | 3,600 | -2.5% | 8.3% |
| OTHER DURABLE GOODS | 1,300 | 1,200 | 1,200 | 8.3% | 8.3% |
| NONDURABLE GOODS | 9,200 | 9,600 | 9,400 | -4.2% | -2.1% |
| FOOD & KINDRED PRODUCTS | 4,400 | 4,800 | 4,700 | -8.3% | -6.4% |
| DAIRY PRODUCTS | 800 | 700 | 700 | 14.3% | 14.3% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,800 | 2,300 | 1,900 | -21.7% | -5.3% |
| BAKERY PRODUCTS | 300 | 300 | 400 | 0.0% | -25.0% |
| OTHER FOOD & KINDRED | 1,500 | 1,500 | 1,700 | 0.0% | -11.8% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,500 | 0.0% | -4.0% |
| OTHER NONDURABLE GOODS | 2,400 | 2,400 | 2,200 | 0.0% | 9.1% |
| TRANS. COMM. & UTILITIES | 16,400 | 16,500 | 15,700 | -0.6% | 4.5% |
| TRANSPORTATION | 8,400 | 8,500 | 7,700 | -1.2% | 9.1% |
| TRUCKING & WAREHOUSE | 5,000 | 5,100 | 4,400 | -2.0% | 13.6% |
| OTHER TRANSPORTATION | 3,400 | 3,400 | 3,300 | 0.0% | 3.0% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,800 | 4,800 | 4,800 | 0.0% | 0.0% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

|  | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| INDUSTRIES | NOV 1987 | OCT 1987 | NOV 1986 | OCT 1987 | NOV 1986 |
| WHOLESALE TRADE | 19,400 | 19,500 | 19,100 | -0.5% | 1.6% |
| DURABLE GOODS | 9,000 | 9,100 | 8,800 | -1.1% | 2.3% |
| NONDURABLE GOODS | 10,400 | 10,400 | 10,300 | 0.0% | 1.0% |
| RETAIL TRADE | 48,900 | 48,800 | 48,100 | 0.2% | 1.7% |
| GENERAL MERCHANDISE | 6,700 | 6,500 | 6,500 | 3.1% | 3.1% |
| FOOD STORES | 6,700 | 6,700 | 6,800 | 0.0% | -1.5% |
| AUTO DEALERS & SERVICE ST. | 6,600 | 6,700 | 6,600 | -1.5% | 0.0% |
| APPAREL & ACCESSORIES | 2,800 | 2,700 | 2,700 | 3.7% | 3.7% |
| OTHER RETAIL | 26,100 | 26,200 | 25,500 | -0.4% | 2.4% |
| FINANCE, INS. & REAL ESTATE | 12,400 | 12,500 | 12,500 | -0.8% | -0.8% |
| FINANCE | 6,800 | 6,800 | 6,900 | 0.0% | -1.4% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,600 | 2,600 | 2,700 | 0.0% | -3.7% |
| INSURANCE | 3,800 | 3,800 | 3,800 | 0.0% | 0.0% |
| REAL ESTATE | 1,800 | 1,900 | 1,800 | -5.3% | 0.0% |
| SERVICES | 61,700 | 61,700 | 59,400 | 0.0% | 3.9% |
| LODGING | 4,300 | 4,300 | 4,100 | 0.0% | 4.9% |
| HEALTH SERVICES | 26,400 | 26,400 | 25,400 | 0.0% | 3.9% |
| NURSING CARE & HOSPITALS | 19,500 | 19,500 | 18,800 | 0.0% | 3.7% |
| OTHER MEDICAL SERVICES | 6,900 | 6,900 | 6,600 | 0.0% | 4.5% |
| OTHER SERVICES | 31,000 | 31,000 | 29,900 | 0.0% | 3.7% |
| GOVERNMENT | 65,300 | 64,900 | 65,200 | 0.6% | 0.2% |
| FEDERAL | 10,200 | 10,100 | 9,900 | 1.0% | 3.0% |
| STATE GOVERNMENT | 20,300 | 20,100 | 20,400 | 1.0% | -0.5% |
| EDUCATIONAL SERVICES | 13,400 | 13,100 | 13,500 | 2.3% | -0.7% |
| OTHER STATE GOVERNMENT | 6,900 | 7,000 | 6,900 | -1.4% | 0.0% |
| LOCAL GOVERNMENT | 34,800 | 34,700 | 34,900 | 0.3% | -0.3% |
| EDUCATIONAL SERVICES | 17,200 | 16,900 | 17,400 | 1.8% | -1.1% |
| OTHER LOCAL GOVERNMENT | 17,600 | 17,800 | 17,500 | -1.1% | 0.6% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| FARGO-MOORHEAD MSA | NOV 1987 | OCT 1987 | NOV 1986 | OCT 1987 | NOV 1986 |
| TOTAL | 72,600 | 72,500 | 70,400 | 0.1% | 3.1% |
| MINING CONSTRUCTION | 3,700 | 4,100 | 3,500 | -9.8% | 5.7% |
| MANUFACTURING | 4,900 | 4,900 | 4,800 | 0.0% | 2.1% |
| DURABLE GOODS | 2,200 | 2,200 | 1,900 | 0.0% | 15.8% |
| NONDURABLE GOODS | 2,700 | 2,700 | 2,900 | 0.0% | -6.9% |
| TRANS., COMM. & UTILITIES | 4,400 | 4,500 | 4,300 | -2.2% | 2.3% |
| TRADE | 21,300 | 21,100 | 20,700 | 0.9% | 2.9% |
| WHOLESALE TRADE | 6,400 | 6,400 | 6,300 | 0.0% | 1.6% |
| RETAIL TRADE | 14,900 | 14,700 | 14,400 | 1.4% | 3.5% |
| FINANCE, INS. & REAL ESTATE | 4,500 | 4,500 | 4,300 | 0.0% | 4.7% |
| SERVICES | 19,400 | 19,200 | 18,700 | 1.0% | 3.7% |
| GOVERNMENT | 14,400 | 14,200 | 14,100 | 1.4% | 2.1% |
| FEDERAL | 2,200 | 2,200 | 2,100 | 0.0% | 4.8% |
| STATE & LOCAL | 12,200 | 12,000 | 12,000 | 1.7% | 1.7% |
| GRAND FORKS MSA | | | | | |
| TOTAL | 30,100 | 30,300 | 29,600 | -0.7% | 1.7% |
| MINING & CONSTRUCTION | 1,700 | 1,900 | 1,600 | -10.5% | 6.3% |
| MANUFACTURING | 1,500 | 1,600 | 1,500 | -6.3% | 0.0% |
| TRANS., COMM. & UTILITIES | 1,500 | 1,500 | 1,500 | 0.0% | 0.0% |
| TRADE | 8,400 | 8,300 | 8,200 | 1.2% | 2.4% |
| WHOLESALE TRADE | 1,400 | 1,400 | 1,400 | 0.0% | 0.0% |
| RETAIL TRADE | 7,000 | 6,900 | 6,800 | 1.4% | 2.9% |
| FINANCE, INS. & REAL ESTATE | 1,200 | 1,200 | 1,200 | 0.0% | 0.0% |
| SERVICES | 6,500 | 6,600 | 6,300 | -1.5% | 3.2% |
| GOVERNMENT | 9,300 | 9,200 | 9,300 | 1.1% | 0.0% |
| BISMARCK MSA | | | | | |
| TOTAL | 36,800 | 36,800 | 36,400 | 0.0% | 1.1% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,600 | 1,700 | 1,700 | -5.9% | -5.9% |
| MANUFACTURING | 1,900 | 1,900 | 1,900 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,700 | 0.0% | 0.0% |
| TRADE | 9,900 | 9,800 | 9,700 | 1.0% | 2.1% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 7,800 | 7,700 | 7,500 | 1.3% | 4.0% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,600 | 0.0% | 0.0% |
| SERVICES | 10,500 | 10,500 | 10,300 | 0.0% | 1.9% |
| GOVERNMENT | 8,400 | 8,400 | 8,300 | 0.0% | 1.2% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 1987 | Oct 1987 | Nov 1986 | Nov 1987 | Oct 1987 | Nov 1986 | Nov 1987 | Oct 1987 | Nov 1986 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 414.41 | 410.94 | 400.98 | 41.4 | 41.3 | 41.0 | 10.01 | 9.95 | 9.78 |
| Durable Goods | 442.88 | 439.32 | 429.73 | 41.9 | 41.8 | 41.6 | 10.57 | 10.51 | 10.33 |
| Nondurable Goods | 375.14 | 372.71 | 363.51 | 40.6 | 40.6 | 40.3 | 9.24 | 9.18 | 9.02 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 334.17 | 328.71 | 318.78 | 39.5 | 38.9 | 38.5 | 8.46 | 8.45 | 8.28 |
| Durable Goods | 360.26 | 361.90 | 336.69 | 40.8 | 40.8 | 38.7 | 8.83 | 8.87 | 8.70 |
| Nondurable Goods | 316.13 | 306.44 | 307.17 | 38.6 | 37.6 | 38.3 | 8.19 | 8.15 | 8.02 |
| Food & Kindred | 322.29 | 302.94 | 323.14 | 39.4 | 37.4 | 39.6 | 8.18 | 8.10 | 8.16 |
| Printing and | | | | | | | | | 8.53 |
| Publishing | 274.99 | 261.02 | 277.23 | 32.2 | 31.0 | 32.5 | 8.54 | 8.42 | 8.53 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 350.14 | 340.35 | 331.01 | 40.2 | 39.9 | 38.4 | 8.71 | 8.53 | 8.62 |
| Durable Goods | 362.09 | 345.07 | 318.56 | 41.1 | 39.8 | 36.7 | 8.81 | 8.67 | 8.68 |
| Nondurable Goods | 338.37 | 335.16 | 338.45 | 39.3 | 39.9 | 39.4 | 8.61 | 8.40 | 8.59 |

## U. S. CONSUMER PRICE INDEX ALL URBAN CONSUMERS

(1967=100)

| | Annual Average 1986 | Nov 1987 | Oct 1987 | Nov 1986 | Percent Change From Oct 1987 | Percent Change From Nov 1986 |
|---|---|---|---|---|---|---|
| All Items | 328.4 | 345.8 | 345.3 | 330.8 | 0.1% | 4.5% |
| Food & Beverage | 311.8 | 326.7 | 326.9 | 316.4 | -0.1% | 3.3% |
| Housing | 360.2 | 374.9 | 375.2 | 361.7 | -0.1% | 3.6% |
| Apparel & Upkeep | 207.8 | 226.4 | 226.3 | 213.1 | 0.0% | 6.2% |
| Transportation | 307.5 | 324.1 | 321.9 | 304.3 | 0.7% | 6.5% |
| Medical Care | 433.5 | 471.7 | 469.8 | 444.6 | 0.4% | 6.1% |
| Entertainment | 274.1 | 288.1 | 287.1 | 277.4 | 0.3% | 3.9% |

## PRODUCER PRICE INDEX UNITED STATES AVERAGE

| | Annual Average 1986 | Nov 1987 | Oct 1987 | Nov 1986 | Percent Change From Oct 1987 | Percent Change From Nov 1986 |
|---|---|---|---|---|---|---|
| All Commodities | 299.8 | 311.9 | 311.4 | 298.7 | 0.2% | 4.4% |
| Farm Products & Processed Food and Feeds | 252.0 | 258.9 | 258.7 | 255.5 | 0.1% | 1.3% |
| Industrial Commodities | 312.1 | 325.4 | 324.9 | 309.8 | 0.2% | 5.0% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov'87 | Oct'87 | Nov'86 | Nov'87 | Oct'87 | Nov'86 | 11/87 | 10/87 | 11/86 | 11/87 | 10/87 | 11/86 |
| Divide | 1,401 | 1,480 | 1,430 | 1,355 | 1,427 | 1,377 | 46 | 53 | 53 | 3.3% | 3.6% | 3.7% |
| McKenzie | 2,832 | 2,788 | 3,274 | 2,711 | 2,663 | 3,008 | 121 | 125 | 266 | 4.3% | 4.5% | 8.1% |
| Williams | 10,346 | 10,116 | 12,397 | 9,712 | 9,528 | 10,678 | 634 | 588 | 1,719 | 6.1% | 5.8% | 13.9% |
| REGION 1 | 14,579 | 14,384 | 17,101 | 13,778 | 13,618 | 15,063 | 801 | 766 | 2,038 | 5.5% | 5.3% | 11.9% |
| Bottineau | 3,511 | 3,644 | 3,521 | 3,314 | 3,481 | 3,263 | 197 | 163 | 258 | 5.6% | 4.5% | 7.3% |
| Burke | 1,294 | 1,403 | 1,475 | 1,229 | 1,336 | 1,356 | 65 | 67 | 119 | 5.0% | 4.8% | 8.1% |
| McHenry | 2,578 | 2,840 | 2,809 | 2,276 | 2,654 | 2,473 | 302 | 186 | 336 | 11.7% | 6.5% | 12.0% |
| Mountrail | 3,163 | 3,306 | 3,494 | 2,898 | 3,114 | 3,128 | 265 | 192 | 366 | 8.4% | 5.8% | 10.5% |
| Pierce | 2,368 | 2,459 | 2,631 | 2,267 | 2,392 | 2,508 | 101 | 67 | 123 | 4.3% | 2.7% | 4.7% |
| Renville | 1,218 | 1,301 | 1,321 | 1,132 | 1,226 | 1,187 | 86 | 75 | 134 | 7.1% | 5.8% | 10.1% |
| Ward | 24,929 | 24,867 | 25,071 | 23,488 | 23,923 | 23,367 | 1,441 | 944 | 1,704 | 5.8% | 3.8% | 6.8% |
| REGION 2 | 39,061 | 39,820 | 40,322 | 36,604 | 38,126 | 37,282 | 2,457 | 1,694 | 3,040 | 6.3% | 4.3% | 7.5% |
| Benson | 2,987 | 3,175 | 3,332 | 2,738 | 3,000 | 3,074 | 249 | 175 | 258 | 8.3% | 5.5% | 7.7% |
| Cavalier | 2,537 | 2,707 | 2,532 | 2,390 | 2,621 | 2,362 | 147 | 86 | 170 | 5.8% | 3.2% | 6.7% |
| Eddy | 1,335 | 1,440 | 1,478 | 1,234 | 1,365 | 1,299 | 101 | 75 | 179 | 7.6% | 5.2% | 12.1% |
| Ramsey | 6,393 | 6,468 | 6,263 | 6,058 | 6,282 | 5,853 | 335 | 186 | 410 | 5.2% | 2.9% | 6.5% |
| Rolette | 4,750 | 5,053 | 5,200 | 3,912 | 4,382 | 4,540 | 838 | 671 | 660 | 17.6% | 13.3% | 12.7% |
| Towner | 1,728 | 1,859 | 1,550 | 1,654 | 1,818 | 1,464 | 74 | 41 | 86 | 4.3% | 2.2% | 5.5% |
| REGION 3 | 19,730 | 20,702 | 20,355 | 17,986 | 19,468 | 18,592 | 1,744 | 1,234 | 1,763 | 8.8% | 6.0% | 8.7% |
| Grand Forks | 35,615 | 35,502 | 35,203 | 33,992 | 34,391 | 33,846 | 1,623 | 1,111 | 1,357 | 4.6% | 3.1% | 3.9% |
| Nelson | 1,840 | 2,042 | 2,022 | 1,732 | 1,989 | 1,848 | 108 | 53 | 174 | 5.9% | 2.6% | 8.6% |
| Pembina | 4,822 | 5,566 | 5,235 | 4,370 | 5,241 | 4,671 | 452 | 325 | 564 | 9.4% | 5.8% | 10.8% |
| Walsh | 7,219 | 8,199 | 8,046 | 6,853 | 7,945 | 7,610 | 366 | 254 | 436 | 5.1% | 3.1% | 5.4% |
| REGION 4 | 49,496 | 51,309 | 50,506 | 46,947 | 49,566 | 47,975 | 2,549 | 1,743 | 2,531 | 5.1% | 3.4% | 5.0% |
| Cass | 58,123 | 58,011 | 57,517 | 56,087 | 56,319 | 55,597 | 2,036 | 1,692 | 1,920 | 3.5% | 2.9% | 3.3% |
| Ransom | 2,540 | 2,754 | 2,603 | 2,444 | 2,674 | 2,528 | 96 | 80 | 75 | 3.8% | 2.9% | 2.9% |
| Richland | 8,419 | 8,637 | 8,314 | 8,096 | 8,390 | 7,939 | 323 | 247 | 375 | 3.8% | 2.9% | 4.5% |
| Sargent | 2,353 | 2,532 | 2,391 | 2,266 | 2,450 | 2,267 | 87 | 82 | 124 | 3.7% | 3.2% | 5.2% |
| Steele | 1,086 | 1,205 | 1,006 | 1,058 | 1,183 | 955 | 28 | 22 | 51 | 2.6% | 1.8% | 5.1% |
| Traill | 4,231 | 4,887 | 4,386 | 4,070 | 4,724 | 4,274 | 161 | 163 | 112 | 3.8% | 3.3% | 2.6% |
| REGION 5 | 76,752 | 78,026 | 76,217 | 74,021 | 75,740 | 73,560 | 2,731 | 2,286 | 2,657 | 3.6% | 2.9% | 3.5% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov 1987 | Oct 1987 | Nov 1986 | Nov 1987 | Oct 1987 | Nov 1986 | Nov 1987 | Oct 1987 | Nov 1986 | Nov 1987 | Oct 1987 | Nov 1986 |
| Barnes | 6,065 | 6,109 | 5,820 | 5,864 | 5,999 | 5,586 | 201 | 110 | 234 | 3.3% | 1.8% | 4.0% |
| Dickey | 2,934 | 3,346 | 3,187 | 2,805 | 3,220 | 3,027 | 129 | 126 | 160 | 4.4% | 3.8% | 5.0% |
| Foster | 2,007 | 2,091 | 2,151 | 1,933 | 2,041 | 2,022 | 74 | 50 | 129 | 3.7% | 2.4% | 6.0% |
| Griggs | 1,454 | 1,533 | 1,384 | 1,408 | 1,513 | 1,328 | 46 | 20 | 56 | 3.2% | 1.3% | 4.0% |
| La Moure | 2,364 | 2,489 | 2,268 | 2,243 | 2,455 | 2,118 | 121 | 34 | 150 | 5.1% | 1.4% | 6.6% |
| Logan | 1,349 | 1,531 | 1,417 | 1,305 | 1,507 | 1,294 | 44 | 24 | 123 | 3.3% | 1.6% | 8.7% |
| McIntosh | 2,120 | 2,305 | 2,111 | 2,059 | 2,236 | 2,003 | 61 | 69 | 108 | 2.9% | 3.0% | 5.1% |
| Stutsman | 11,680 | 11,956 | 12,021 | 11,180 | 11,649 | 11,313 | 500 | 307 | 708 | 4.3% | 2.6% | 5.9% |
| Wells | 2,799 | 2,924 | 2,870 | 2,602 | 2,807 | 2,666 | 197 | 117 | 204 | 7.0% | 4.0% | 7.1% |
| REGION 6 | 32,772 | 34,284 | 33,229 | 31,399 | 33,427 | 31,357 | 1,373 | 857 | 1,872 | 4.2% | 2.5% | 5.6% |
| Burleigh | 31,631 | 31,669 | 31,378 | 29,892 | 30,505 | 29,419 | 1,739 | 1,164 | 1,959 | 5.5% | 3.7% | 6.2% |
| Emmons | 2,089 | 2,282 | 2,117 | 1,956 | 2,199 | 1,954 | 133 | 83 | 163 | 6.4% | 3.6% | 7.7% |
| Grant | 1,739 | 2,046 | 1,751 | 1,650 | 1,956 | 1,647 | 89 | 90 | 104 | 5.1% | 4.4% | 5.9% |
| Kidder | 1,425 | 1,595 | 1,475 | 1,317 | 1,542 | 1,333 | 108 | 53 | 142 | 7.6% | 3.3% | 9.6% |
| McLean | 4,602 | 4,717 | 4,327 | 4,312 | 4,530 | 3,991 | 290 | 187 | 336 | 6.3% | 4.0% | 7.8% |
| Mercer | 5,395 | 5,518 | 5,019 | 4,967 | 5,215 | 4,515 | 428 | 303 | 504 | 7.9% | 5.5% | 10.0% |
| Morton | 11,908 | 11,752 | 11,785 | 11,128 | 11,356 | 10,952 | 780 | 396 | 833 | 6.6% | 3.4% | 7.1% |
| Oliver | 1,054 | 1,133 | 1,211 | 981 | 1,098 | 1,116 | 73 | 35 | 95 | 6.9% | 3.1% | 7.8% |
| Sheridan | 996 | 1,197 | 1,113 | 950 | 1,155 | 1,035 | 46 | 42 | 78 | 4.6% | 3.5% | 7.0% |
| Sioux | 1,359 | 1,387 | 1,317 | 1,218 | 1,225 | 1,207 | 141 | 162 | 110 | 10.4% | 11.7% | 8.4% |
| REGION 7 | 62,198 | 63,296 | 61,493 | 58,371 | 60,781 | 57,169 | 3,827 | 2,515 | 4,324 | 6.2% | 4.0% | 7.0% |
| Adams | 1,712 | 1,801 | 1,776 | 1,653 | 1,770 | 1,658 | 59 | 31 | 118 | 3.4% | 1.7% | 6.6% |
| Billings | 683 | 770 | 655 | 643 | 752 | 620 | 40 | 18 | 35 | 5.9% | 2.3% | 5.3% |
| Bowman | 2,007 | 2,108 | 2,070 | 1,960 | 2,060 | 1,896 | 47 | 48 | 174 | 2.3% | 2.3% | 8.4% |
| Dunn | 1,529 | 1,785 | 1,688 | 1,371 | 1,656 | 1,515 | 158 | 129 | 173 | 10.3% | 7.2% | 10.2% |
| Gldn Valley | 1,020 | 1,093 | 983 | 982 | 1,066 | 928 | 38 | 27 | 55 | 3.7% | 2.5% | 5.6% |
| Hettinger | 1,675 | 1,902 | 1,896 | 1,602 | 1,844 | 1,722 | 73 | 58 | 174 | 4.4% | 3.0% | 9.2% |
| Slope | 414 | 514 | 425 | 376 | 462 | 357 | 38 | 52 | 68 | 9.2% | 10.1% | 16.0% |
| Stark | 11,367 | 11,186 | 11,665 | 10,781 | 10,734 | 10,398 | 586 | 452 | 1,267 | 5.2% | 4.0% | 10.9% |
| REGION 8 | 20,407 | 21,159 | 21,158 | 19,368 | 20,344 | 19,094 | 1,039 | 815 | 2,064 | 5.1% | 3.9% | 9.8% |
| STATE TOTAL | 314,995 | 322,980 | 320,376 | 298,474 | 311,070 | 300,090 | 16,521 | 11,910 | 20,286 | 5.2% | 3.7% | 6.3% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | | | | Percent Change From | |
|---|---|---|---|---|---|
| | November 1987 | October 1987 | November 1986 | October 1987 | November 1986 |
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 122,371 | 122,102 | 120,426 | 0.2% | 1.6% |
| Employment | 115,255 | 114,928 | 112,183 | 0.3% | 2.7% |
| Unemployment | 7,116 | 7,174 | 8,243 | -0.8% | -13.7% |
| Unemployment Rate | 5.8% | 5.9% | 6.8% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 314,990 | 322,980 | 320,370 | -2.5% | -1.7% |
| Employment | 298,470 | 311,070 | 300,090 | -4.1% | -0.5% |
| Unemployment | 16,520 | 11,910 | 20,280 | 38.7% | -18.5% |
| Unemployment Rate | 5.2% | 3.7% | 6.3% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 84,240 | 83,810 | 83,490 | 0.5% | 0.9% |
| Employment | 81,000 | 81,330 | 80,360 | -0.4% | 0.8% |
| Unemployment | 3,240 | 2,480 | 3,130 | 30.6% | 3.5% |
| Unemployment Rate | 3.8% | 3.0% | 3.7% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 35,610 | 35,500 | 35,200 | 0.3% | 1.2% |
| Employment | 33,990 | 34,390 | 33,840 | -1.2% | 0.4% |
| Unemployment | 1,620 | 1,110 | 1,360 | 45.9% | 19.1% |
| Unemployment Rate | 4.6% | 3.1% | 3.9% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 43,540 | 43,420 | 43,160 | 0.3% | 0.9% |
| Employment | 41,020 | 41,860 | 40,370 | -2.0% | 1.6% |
| Unemployment | 2,520 | 1,560 | 2,790 | 61.5% | -9.7% |
| Unemployment Rate | 5.8% | 3.6% | 6.5% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

OCTOBER 1987
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 323.0 | 349.1 | 2,253.8 | 396.0 |
| Employment | 311.1 | 335.5 | 2,142.4 | 371.6 |
| Unemployment | 11.9 | 13.6 | 111.4 | 24.4 |
| Unemployment Rate | 3.7% | 3.9% | 4.9% | 6.2% |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street S
Phone: 237-7113

JAMESTOWN
429 Second Street SW
Phone: 251-2256

VALLEY CITY
2425 W Main
Phone: 845-7261

BEULAH
119 E Main
Phone: 873-5607

DEVILS LAKE
301 College Drive
Phone: 662-2181

GRAND FORKS
2016 S Washington
Phone: 777-3711

MANDAN
501 First Street NW
Phone: 663-6461

WAHPETON
524 Second Avenue N
Phone: 671-2711

ROLLA
103 E Main
Phone: 477-5631

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue S
Phone: 352-2202

MINOT
3416 N Broadway
Phone: 852-2164

WILLISTON
422 First Avenue W
Phone: 572-7771

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private-Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVIC
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

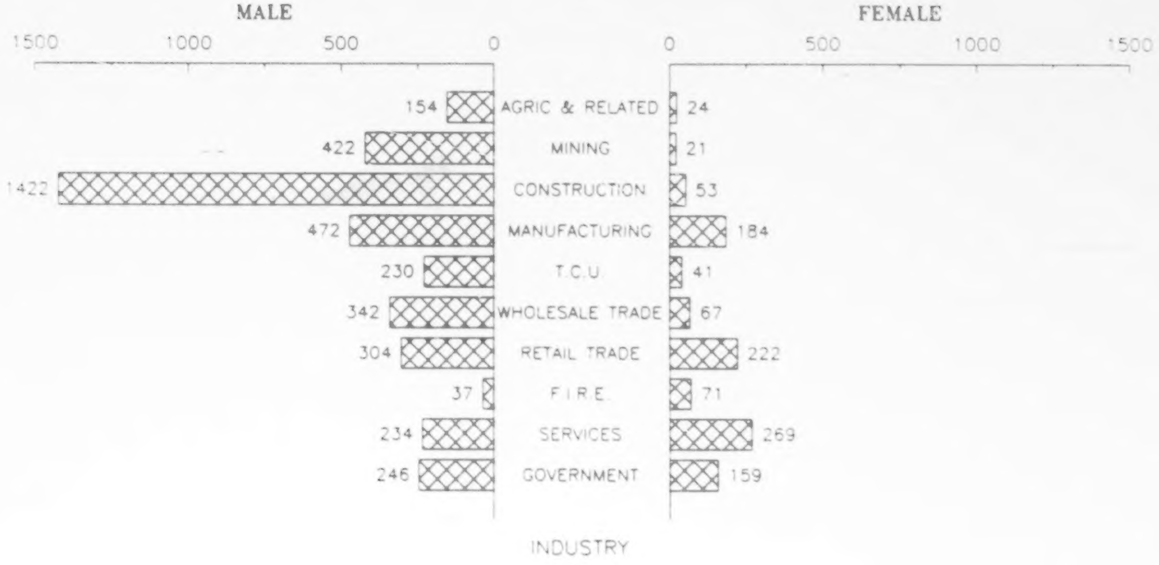
2/11/88 56140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

DECEMBER 1987

VOLUME 3, NUMBER 12

**AVERAGE INSURED UNEMPLOYED**
**by Sex and Industry**
**1987**



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

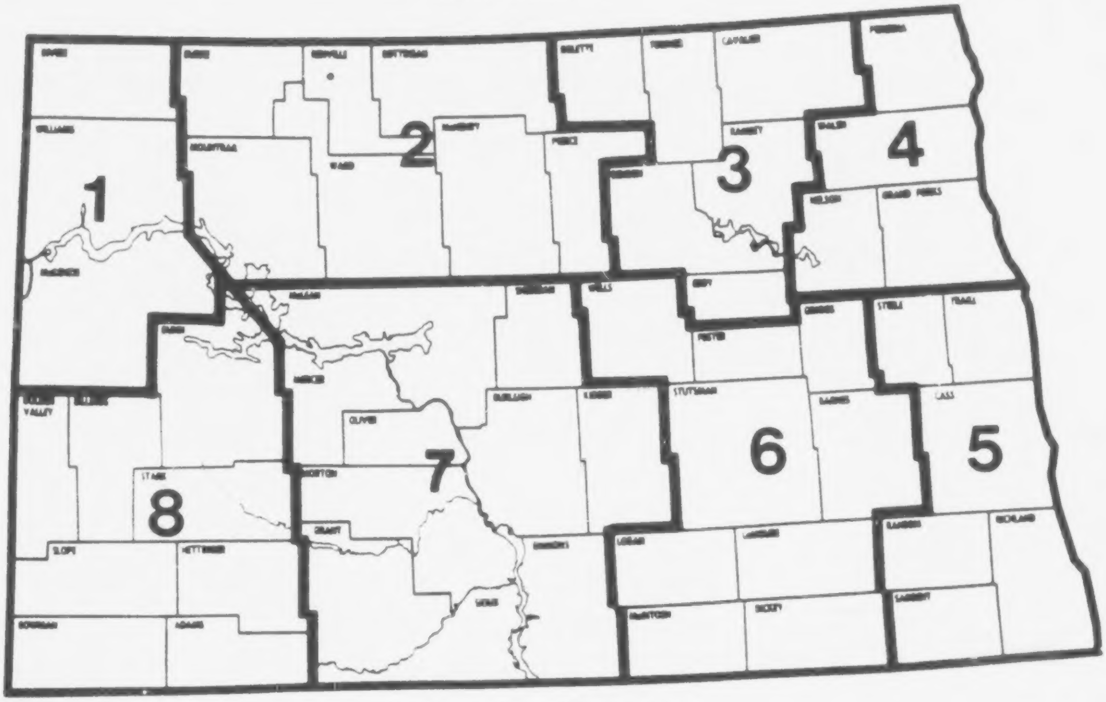
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# EVIDENCE OF A CHANGING WORK FORCE

There are identifiable trends in North Dakota's labor force which provide information in meeting current planning needs. Study of employment and unemployment in North Dakota for 1986 and 1987 reveals demographic and economic changes.

Some important changes are occurring in the labor force because the demographics of the general population are being transformed.

The maturing of the baby boom generation and the significant decrease in young workers is demonstrated by comparing the proportion of average insured unemployment by age group in 1986 and 1987. Table 1 shows declines in all groups under the age of 34 and increases in age groups 35 and above.

TABLE 1. AVERAGE INSURED UNEMPLOYMENT BY AGE GROUP, 1986 AND 1987

| Age Group | 1986 % of Total | 1987 % of Total | 1986-87 % of Change |
|---|---|---|---|
| 16-19 | .7% | .7% | -- |
| 20-21 | 4.0% | 3.4% | -.6% |
| 22-24 | 12.2% | 10.5% | -1.7% |
| 25-34 | 40.9% | 40.2% | -.7% |
| 35-44 | 20.8% | 21.9% | +1.1% |
| 45-54 | 12.4% | 13.4% | +1.0% |
| 55-59 | 4.8% | 5.3% | +.5% |
| 60-64 | 3.2% | 3.6% | +.4% |
| 65+ | 1.0% | 1.1% | +.1% |
| TOTAL | 100.0% | 100.0% | -- |

Another important change in the composition of the labor force is the increasing number of women choosing, either because of increased opportunity or economic necessity, to work outside the home. The proportion of North Dakota women participating in the labor force has increased from 51.7% in 1980 to 58.9% in 1986, bringing the female share of total employment in the state to 43.9%. (Data--Geographic Profiles 1980 and 1986.) Because women generally hold part-time, lower paying jobs (as shown in local employment surveys), they comprise a small, but increasing, proportion of the insured unemployed--from 19% of the average annual unemployed in 1986 to 22% in 1987. Although representing little more than one-fifth of the total insured unemployed, they are clustered in the services industries, constituting a much greater proportion of the unemployed in Finance, Insurance, and Real Estate (65%), Retail Trade (42%), and Services (53%).

Employment and unemployment change from 1986 and 1987 reveals economic changes. Preliminary employment data and unemployment claims data show a slight increase in overall average nonagricultural wage and salary employment from 1986 to 1987 and a 21% decline in average insured unemployment. Table 2 discloses the following changes by industry: Mining showed a 13% loss in average total employment with an accompanying 53% decline in average insured unemployment; Construction employment remained steady, while insured

TABLE 2. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT AND AVERAGE INSURED UNEMPLOYMENT BY INDUSTRY, 1986 AND 1987

| | Employment (in Thousands) | | | Unemployment (in Thousands) | | |
|---|---|---|---|---|---|---|
| Industry | 1986 | 1987 | % Change | 1986 | 1987 | % Change |
| Mining | 4.7 | 4.1 | -12.8% | .95 | .45 | -52.6% |
| Construction | 10.7 | 10.7 | -- | 1.88 | 1.49 | -20.7% |
| Manufacturing | 15.3 | 15.7 | +2.6% | .69 | .67 | -2.9% |
| T.C.U. | 15.9 | 16.0 | +.6% | .38 | .28 | -26.3% |
| Wholesale Trade | 19.4 | 19.2 | +1.0% | .52 | .41 | -21.2% |
| Retail Trade | 47.4 | 48.0 | +1.3% | .61 | .53 | -13.1% |
| F.I.R.E. | 12.4 | 12.5 | +.8% | .11 | .11 | -- |
| Services | 59.2 | 60.7 | +2.5% | .63 | .51 | -19.0% |
| Government | 64.3 | 64.5 | +.3% | .39 | .41 | +5.1% |
| TOTAL | 249.3 | 251.3 | +.8% | 6.15 | 4.87 | -20.8% |

unemployment dropped by 21%; Manufacturing employment increased (3%), while unemployment decreased (3%); Transportation, Communications, and Public Utilities employment increased slightly--average unemployment decreased 26%; Wholesale Trade employment was stable with unemployment decreasing 21%; Retail Trade gained 1% employment and lost 13% in unemployment; Finance, Insurance, and Real Estate gained less than a percentage point in employment with no increase in average unemployment; Services employment increased by almost 3% and unemployment decreased 19%; Government employment increased less than a percentage point but increased 5% in average unemployment.

The change in each industry's share of employment and unemployment from 1986 and 1987 shows the shift away from the goods-producing industries towards the services industries (Table 3):

TABLE 3. PERCENT DISTRIBUTION OF EMPLOYMENT AND UNEMPLOYMENT BY INDUSTRY, 1986 AND 1987

| | Percent of Total Employment | | | Percent of Total Unemployment | | |
|---|---|---|---|---|---|---|
| Industry | 1986 | 1987 | % Change | 1986 | 1987 | % Change |
| Mining | 1.9% | 1.6% | -.3% | 15.4% | 9.2% | -6.2% |
| Construction | 4.3% | 4.3% | -- | 30.5% | 30.6% | +.1% |
| Manufacturing | 6.1% | 6.2% | -.1% | 11.2% | 13.8% | +2.6% |
| T.C.U. | 6.4% | 6.4% | -- | 6.2% | 5.7% | -.5% |
| Wholesale Trade | 7.8% | 7.6% | -.2% | 8.5% | 8.5% | -- |
| Retail Trade | 19.0% | 19.1% | +.1% | 9.9% | 10.9% | +1.0% |
| F.I.R.E. | 5.0% | 5.0% | -- | 1.8% | 2.3% | +.5% |
| Services | 23.7% | 24.2% | +.5% | 10.2% | 10.5% | +.3% |
| Government | 25.8% | 25.7% | -.1% | 6.3% | 8.4% | +2.1% |
| TOTAL | 100.0% | 100.0% | -- | 100.0% | 100.0% | -- |

The work force is evolving. Data for the past two years suggests more older workers and more women hold jobs in an increasingly service-oriented economy. The task for local planners, state and local officials, and community leaders must be to develop programs which meet changing needs.

Cherryl Madison
Research Analyst

## NORTH DAKOTA

(Rounded to Hundreds)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | DEC 1987 | NOV 1987 | DEC 1986 | NOV 1987 | DEC 1986 |
| TOTAL | 254,500 | 255,500 | 249,600 | -0.4% | 2.0% |
| MINING | 4,100 | 4,200 | 4,100 | -2.4% | 0.0% |
| COAL | 1,000 | 1,000 | 1,200 | 0.0% | -16.7% |
| CRUDE PET. & NAT. GAS | 2,800 | 2,800 | 2,700 | 0.0% | 3.7% |
| OTHER MINING | 300 | 400 | 200 | -25.0% | 50.0% |
| CONSTRUCTION | 9,400 | 11,400 | 9,200 | -17.5% | 2.2% |
| BUILDING CONSTRUCTION | 2,500 | 2,900 | 2,700 | -13.8% | -7.4% |
| STREET HIGHWAY & HEAVY | 1,600 | 2,800 | 1,700 | -42.9% | -5.9% |
| SPECIAL TRADE CONSTRUCTION | 5,300 | 5,700 | 4,800 | -7.0% | 10.4% |
| MANUFACTURING | 15,700 | 15,900 | 15,400 | -1.3% | 1.9% |
| DURABLE GOODS | 6,500 | 6,700 | 6,000 | -3.0% | 8.3% |
| STONE, CLAY & GLASS | 500 | 700 | 500 | -28.6% | 0.0% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 3,900 | 3,900 | 3,600 | 0.0% | 8.3% |
| OTHER DURABLE GOODS | 1,300 | 1,300 | 1,200 | 0.0% | 8.3% |
| NONDURABLE GOODS | 9,200 | 9,200 | 9,400 | 0.0% | -2.1% |
| FOOD & KINDRED PRODUCTS | 4,400 | 4,400 | 4,800 | 0.0% | -8.3% |
| DAIRY PRODUCTS | 700 | 800 | 700 | -12.5% | 0.0% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,900 | 1,800 | 2,000 | 5.6% | -5.0% |
| BAKERY PRODUCTS | 300 | 300 | 400 | 0.0% | -25.0% |
| OTHER FOOD & KINDRED | 1,500 | 1,500 | 1,700 | 0.0% | -11.8% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,500 | 0.0% | -4.0% |
| OTHER NONDURABLE GOODS | 2,400 | 2,400 | 2,100 | 0.0% | 14.3% |
| TRANS. COMM. & UTILITIES | 16,400 | 16,400 | 15,800 | 0.0% | 3.8% |
| TRANSPORTATION | 8,400 | 8,400 | 7,800 | 0.0% | 7.7% |
| TRUCKING & WAREHOUSE | 5,000 | 5,000 | 4,500 | 0.0% | 11.1% |
| OTHER TRANSPORTATION | 3,400 | 3,400 | 3,300 | 0.0% | 3.0% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,800 | 4,800 | 4,800 | 0.0% | 0.0% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | LAST YEAR |
|---|---|---|---|---|---|
| INDUSTRIES | DEC 1987 | NOV 1987 | DEC 1986 | NOV 1987 | DEC 1986 |
| WHOLESALE TRADE | 19,400 | 19,400 | 19,100 | 0.0% | 1.6% |
| DURABLE GOODS | 9,000 | 9,000 | 8,800 | 0.0% | 2.3% |
| NONDURABLE GOODS | 10,400 | 10,400 | 10,300 | 0.0% | 1.0% |
| RETAIL TRADE | 49,600 | 48,900 | 48,500 | 1.4% | 2.3% |
| GENERAL MERCHANDISE | 6,900 | 6,700 | 6,800 | 3.0% | 1.5% |
| FOOD STORES | 6,800 | 6,700 | 6,900 | 1.5% | -1.4% |
| AUTO DEALERS & SERVICE ST. | 6,700 | 6,600 | 6,600 | 1.5% | 1.5% |
| APPAREL & ACCESSORIES | 2,800 | 2,800 | 2,800 | 0.0% | 0.0% |
| OTHER RETAIL | 26,400 | 26,100 | 25,400 | 1.1% | 3.9% |
| FINANCE, INS. & REAL ESTATE | 12,500 | 12,500 | 12,500 | 0.0% | 0.0% |
| FINANCE | 6,800 | 6,800 | 6,900 | 0.0% | -1.4% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,600 | 2,600 | 2,700 | 0.0% | -3.7% |
| INSURANCE | 3,900 | 3,900 | 3,800 | 0.0% | 2.6% |
| REAL ESTATE | 1,800 | 1,800 | 1,800 | 0.0% | 0.0% |
| SERVICES | 61,700 | 61,600 | 59,400 | 0.2% | 3.9% |
| LODGING | 4,300 | 4,300 | 4,100 | 0.0% | 4.9% |
| HEALTH SERVICES | 26,500 | 26,400 | 25,500 | 0.4% | 3.9% |
| NURSING CARE & HOSPITALS | 19,500 | 19,500 | 18,900 | 0.0% | 3.2% |
| OTHER MEDICAL SERVICES | 7,000 | 6,900 | 6,600 | 1.4% | 6.1% |
| OTHER SERVICES | 30,900 | 30,900 | 29,800 | 0.0% | 3.7% |
| GOVERNMENT | 65,700 | 65,200 | 65,600 | 0.8% | 0.2% |
| FEDERAL | 10,100 | 10,100 | 9,900 | 0.0% | 2.0% |
| STATE GOVERNMENT | 20,100 | 20,300 | 20,500 | -1.0% | -2.0% |
| EDUCATIONAL SERVICES | 13,400 | 13,400 | 13,600 | 0.0% | -1.5% |
| OTHER STATE GOVERNMENT | 6,700 | 6,900 | 6,900 | -2.9% | -2.9% |
| LOCAL GOVERNMENT | 35,500 | 34,800 | 35,200 | 2.0% | 0.9% |
| EDUCATIONAL SERVICES | 17,600 | 17,400 | 17,500 | 1.1% | 0.6% |
| OTHER LOCAL GOVERNMENT | 17,900 | 17,400 | 17,700 | 2.9% | 1.1% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| FARGO-MOORHEAD MSA | DEC 1987 | NOV 1987 | DEC 1986 | NOV 1987 | DEC 1986 |
| TOTAL | 72,100 | 72,600 | 70,300 | -0.7% | 2.6% |
| MINING  CONSTRUCTION | 3,200 | 3,700 | 3,000 | -13.5% | 6.7% |
| MANUFACTURING | 4,700 | 4,900 | 4,900 | -4.1% | -4.1% |
| DURABLE GOODS | 2,000 | 2,200 | 1,900 | -9.1% | 5.3% |
| NONDURABLE GOODS | 2,700 | 2,700 | 3,000 | 0.0% | -10.0% |
| TRANS., COMM. & UTILITIES | 4,400 | 4,400 | 4,300 | 0.0% | 2.3% |
| TRADE | 21,500 | 21,300 | 20,800 | 0.9% | 3.4% |
| WHOLESALE TRADE | 6,400 | 6,400 | 6,300 | 0.0% | 1.6% |
| RETAIL TRADE | 15,100 | 14,900 | 14,500 | 1.3% | 4.1% |
| FINANCE, INS. & REAL ESTATE | 4,500 | 4,500 | 4,300 | 0.0% | 4.7% |
| SERVICES | 19,400 | 19,400 | 18,800 | 0.0% | 3.2% |
| GOVERNMENT | 14,400 | 14,400 | 14,200 | 0.0% | 1.4% |
| FEDERAL | 2,200 | 2,200 | 2,100 | 0.0% | 4.8% |
| STATE & LOCAL | 12,200 | 12,200 | 12,100 | 0.0% | 0.8% |
| GRAND FORKS MSA | | | | | |
| TOTAL | 30,200 | 30,100 | 29,400 | 0.3% | 2.7% |
| MINING & CONSTRUCTION | 1,400 | 1,700 | 1,300 | -17.6% | 7.7% |
| MANUFACTURING | 1,600 | 1,500 | 1,400 | 6.7% | 14.3% |
| TRANS., COMM. & UTILITIES | 1,500 | 1,500 | 1,500 | 0.0% | 0.0% |
| TRADE | 8,400 | 8,400 | 8,300 | 0.0% | 1.2% |
| WHOLESALE TRADE | 1,400 | 1,400 | 1,400 | 0.0% | 0.0% |
| RETAIL TRADE | 7,000 | 7,000 | 6,900 | 0.0% | 1.4% |
| FINANCE, INS. & REAL ESTATE | 1,300 | 1,200 | 1,200 | 8.3% | 8.3% |
| SERVICES | 6,500 | 6,500 | 6,300 | 0.0% | 3.2% |
| GOVERNMENT | 9,500 | 9,300 | 9,400 | 2.2% | 1.1% |
| BISMARCK MSA | | | | | |
| TOTAL | 37,000 | 36,800 | 36,400 | 0.5% | 1.6% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,400 | 1,600 | 1,400 | -12.5% | 0.0% |
| MANUFACTURING | 1,900 | 1,900 | 1,900 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,700 | 0.0% | 0.0% |
| TRADE | 10,100 | 9,900 | 9,900 | 2.0% | 2.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 8,000 | 7,800 | 7,700 | 2.6% | 3.9% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,600 | 0.0% | 0.0% |
| SERVICES | 10,600 | 10,500 | 10,300 | 1.0% | 2.9% |
| GOVERNMENT | 8,500 | 8,400 | 8,400 | 1.2% | 1.2% |

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

(1967=100)

| | Annual Average 1986 | Dec 1987 | Nov 1987 | Dec 1986 | Percent Change From Nov 1987 | Percent Change From Dec 1986 |
|---|---|---|---|---|---|---|
| All Items | 328.4 | 345.7 | 345.8 | 331.1 | 0.0% | 4.4% |
| Food & Beverage | 311.8 | 328.1 | 326.7 | 317.0 | 0.4% | 3.5% |
| Housing | 360.2 | 375.3 | 374.9 | 362.1 | 0.1% | 3.6% |
| Apparel & Upkeep | 207.8 | 221.1 | 226.4 | 210.9 | -2.3% | 4.8% |
| Transportation | 307.5 | 323.3 | 324.1 | 304.8 | -0.2% | 6.1% |
| Medical Care | 433.5 | 472.9 | 471.7 | 446.8 | 0.3% | 5.8% |
| Entertainment | 274.1 | 288.5 | 288.1 | 277.4 | 0.1% | 4.0% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1986 | Dec 1987 | Nov 1987 | Dec 1986 | Percent Change From Nov 1987 | Percent Change From Dec 1986 |
|---|---|---|---|---|---|---|
| All Commodities | 299.8 | 311.7 | 311.9 | 298.5 | -0.1% | 4.4% |
| Farm Products & Processed Food and Feeds | 252.0 | 258.6 | 258.9 | 254.7 | -0.1% | 1.5% |
| Industrial Commodities | 312.1 | 325.3 | 325.4 | 309.8 | 0.0% | 5.0% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec 1987 | Nov 1987 | Dec 1986 | Dec 1987 | Nov 1987 | Dec 1986 | Dec 1987 | Nov 1987 | Dec 1986 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 422.35 | 414.41 | 408.78 | 41.9 | 41.4 | 41.5 | 10.08 | 10.01 | 9.85 |
| Durable Goods | 452.20 | 443.94 | 439.92 | 42.5 | 42.0 | 42.3 | 10.64 | 10.57 | 10.40 |
| Nondurable Goods | 381.30 | 375.14 | 368.24 | 41.0 | 40.6 | 40.6 | 9.30 | 9.24 | 9.07 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 328.77 | 335.41 | 319.10 | 39.0 | 39.6 | 38.4 | 8.43 | 8.47 | 8.31 |
| Durable Goods | 356.47 | 363.26 | 345.93 | 40.6 | 41.0 | 39.4 | 8.78 | 8.86 | 8.78 |
| Nondurable Goods | 309.64 | 315.75 | 302.78 | 37.9 | 38.6 | 37.8 | 8.17 | 8.18 | 8.01 |
| Food & Kindred | 320.66 | 322.29 | 311.95 | 39.2 | 39.4 | 38.8 | 8.18 | 8.18 | 8.04 |
| Printing and Publishing | 267.32 | 273.90 | 279.61 | 31.9 | 32.3 | 32.4 | 8.38 | 8.48 | 8.63 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 344.44 | 352.29 | 331.96 | 39.5 | 40.4 | 38.6 | 8.72 | 8.72 | 8.60 |
| Durable Goods | 344.75 | 363.38 | 317.81 | 39.4 | 41.2 | 37.7 | 8.75 | 8.82 | 8.43 |
| Nondurable Goods | 343.65 | 342.61 | 339.78 | 39.5 | 39.7 | 39.1 | 8.70 | 8.63 | 8.69 |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dec'87 | Nov'87 | Dec'86 | Dec'87 | Nov'87 | Dec'86 | 12/87 | 11/87 | 12/86 | 12/87 | 11/87 | 12/86 |
| Divide | 1,407 | 1,399 | 1,359 | 1,329 | 1,353 | 1,263 | 78 | 46 | 96 | 5.5% | 3.3% | 7.1% |
| McKenzie | 2,763 | 2,829 | 3,125 | 2,621 | 2,708 | 2,877 | 142 | 121 | 248 | 5.1% | 4.3% | 7.9% |
| Williams | 10,217 | 10,354 | 12,122 | 9,646 | 9,719 | 10,519 | 571 | 635 | 1,603 | 5.6% | 6.1% | 13.2% |
| REGION 1 | 14,387 | 14,582 | 16,606 | 13,596 | 13,780 | 14,659 | 791 | 802 | 1,947 | 5.5% | 5.5% | 11.7% |
| Bottineau | 3,472 | 3,510 | 3,451 | 3,224 | 3,313 | 3,143 | 248 | 197 | 308 | 7.1% | 5.6% | 8.9% |
| Burke | 1,263 | 1,291 | 1,431 | 1,195 | 1,226 | 1,289 | 68 | 65 | 142 | 5.4% | 5.0% | 9.9% |
| McHenry | 2,515 | 2,573 | 2,653 | 2,129 | 2,272 | 2,255 | 386 | 301 | 398 | 15.3% | 11.7% | 15.0% |
| Mountrail | 3,029 | 3,160 | 3,327 | 2,792 | 2,896 | 2,973 | 237 | 264 | 354 | 7.8% | 8.4% | 10.6% |
| Pierce | 2,287 | 2,367 | 2,420 | 2,140 | 2,266 | 2,266 | 147 | 101 | 154 | 6.4% | 4.3% | 6.4% |
| Renville | 1,154 | 1,216 | 1,326 | 1,094 | 1,130 | 1,186 | 60 | 86 | 140 | 5.2% | 7.1% | 10.6% |
| Ward | 24,951 | 24,942 | 24,865 | 23,375 | 23,499 | 23,141 | 1,576 | 1,443 | 1,724 | 6.3% | 5.8% | 6.9% |
| REGION 2 | 38,671 | 39,059 | 39,473 | 35,949 | 36,602 | 36,253 | 2,722 | 2,457 | 3,220 | 7.0% | 6.3% | 8.2% |
| Benson | 2,878 | 2,983 | 3,139 | 2,599 | 2,734 | 2,905 | 279 | 249 | 234 | 9.7% | 8.3% | 7.5% |
| Cavalier | 2,481 | 2,536 | 2,412 | 2,279 | 2,388 | 2,243 | 202 | 148 | 169 | 8.1% | 5.8% | 7.0% |
| Eddy | 1,337 | 1,334 | 1,416 | 1,187 | 1,233 | 1,226 | 150 | 101 | 190 | 11.2% | 7.6% | 13.4% |
| Ramsey | 6,368 | 6,397 | 6,103 | 5,988 | 6,062 | 5,686 | 380 | 335 | 417 | 6.0% | 5.2% | 6.8% |
| Rolette | 4,727 | 4,749 | 5,125 | 3,816 | 3,909 | 4,438 | 911 | 840 | 687 | 19.3% | 17.7% | 13.4% |
| Towner | 1,720 | 1,727 | 1,545 | 1,645 | 1,653 | 1,486 | 75 | 74 | 59 | 4.4% | 4.3% | 3.8% |
| REGION 3 | 19,511 | 19,726 | 19,740 | 17,514 | 17,979 | 17,984 | 1,997 | 1,747 | 1,756 | 10.2% | 8.9% | 8.9% |
| Grand Forks | 35,667 | 35,664 | 35,102 | 34,032 | 34,038 | 33,852 | 1,635 | 1,626 | 1,250 | 4.6% | 4.6% | 3.6% |
| Nelson | 1,836 | 1,840 | 1,911 | 1,669 | 1,732 | 1,730 | 167 | 108 | 181 | 9.1% | 5.9% | 9.5% |
| Pembina | 4,640 | 4,821 | 5,000 | 4,167 | 4,371 | 4,411 | 473 | 450 | 589 | 10.2% | 9.3% | 11.8% |
| Walsh | 7,079 | 7,219 | 7,806 | 6,701 | 6,853 | 7,370 | 378 | 366 | 436 | 5.3% | 5.1% | 5.6% |
| REGION 4 | 49,222 | 49,544 | 49,819 | 46,569 | 46,994 | 47,363 | 2,653 | 2,550 | 2,456 | 5.4% | 5.1% | 4.9% |
| Cass | 57,961 | 58,059 | 56,615 | 55,723 | 56,020 | 54,603 | 2,238 | 2,039 | 2,012 | 3.9% | 3.5% | 3.6% |
| Ransom | 2,525 | 2,538 | 2,561 | 2,394 | 2,442 | 2,458 | 131 | 96 | 103 | 5.2% | 3.8% | 4.0% |
| Richland | 8,316 | 8,418 | 8,246 | 7,924 | 8,095 | 7,804 | 392 | 323 | 442 | 4.7% | 3.8% | 5.4% |
| Sargent | 2,262 | 2,351 | 2,295 | 2,190 | 2,264 | 2,167 | 72 | 87 | 128 | 3.2% | 3.7% | 5.6% |
| Steele | 993 | 1,084 | 924 | 959 | 1,056 | 869 | 34 | 28 | 55 | 3.4% | 2.6% | 6.0% |
| Traill | 4,115 | 4,230 | 4,165 | 3,984 | 4,069 | 4,063 | 131 | 161 | 102 | 3.2% | 3.8% | 2.4% |
| REGION 5 | 76,172 | 76,680 | 74,806 | 73,174 | 73,946 | 71,964 | 2,998 | 2,734 | 2,842 | 3.9% | 3.6% | 3.8% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dec 1987 | Nov 1987 | Dec 1986 | Dec 1987 | Nov 1987 | Dec 1986 | Dec 1987 | Nov 1987 | Dec 1986 | Dec 1987 | Nov 1987 | Dec 1986 |
| Barnes | 6,047 | 6,067 | 5,704 | 5,782 | 5,866 | 5,404 | 265 | 201 | 300 | 4.4% | 3.3% | 5.3% |
| Dickey | 2,861 | 2,933 | 3,009 | 2,677 | 2,804 | 2,848 | 184 | 129 | 161 | 6.4% | 4.4% | 5.4% |
| Foster | 1,969 | 2,006 | 2,049 | 1,844 | 1,933 | 1,889 | 125 | 73 | 160 | 6.3% | 3.6% | 7.8% |
| Griggs | 1,407 | 1,452 | 1,323 | 1,341 | 1,406 | 1,271 | 66 | 46 | 52 | 4.7% | 3.2% | 3.9% |
| La Moure | 2,270 | 2,361 | 2,124 | 2,161 | 2,240 | 2,001 | 109 | 121 | 123 | 4.8% | 5.1% | 5.8% |
| Logan | 1,284 | 1,345 | 1,314 | 1,237 | 1,301 | 1,206 | 47 | 44 | 108 | 3.7% | 3.3% | 8.2% |
| McIntosh | 2,042 | 2,120 | 1,987 | 1,967 | 2,058 | 1,885 | 75 | 62 | 102 | 3.7% | 2.9% | 5.1% |
| Stutsman | 11,706 | 11,685 | 11,751 | 11,059 | 11,184 | 11,061 | 647 | 501 | 690 | 5.5% | 4.3% | 5.9% |
| Wells | 2,715 | 2,797 | 2,717 | 2,481 | 2,600 | 2,494 | 234 | 197 | 223 | 8.6% | 7.0% | 8.2% |
| REGION 6 | 32,301 | 32,766 | 31,978 | 30,549 | 31,392 | 30,059 | 1,752 | 1,374 | 1,919 | 5.4% | 4.2% | 6.0% |
| Burleigh | 31,692 | 31,656 | 31,299 | 29,975 | 29,914 | 29,268 | 1,717 | 1,742 | 2,031 | 5.4% | 5.5% | 6.5% |
| Emmons | 1,990 | 2,088 | 1,945 | 1,853 | 1,955 | 1,793 | 137 | 133 | 152 | 6.9% | 6.4% | 7.8% |
| Grant | 1,652 | 1,736 | 1,605 | 1,561 | 1,647 | 1,513 | 91 | 89 | 92 | 5.5% | 5.1% | 5.7% |
| Kidder | 1,391 | 1,423 | 1,418 | 1,249 | 1,316 | 1,246 | 142 | 107 | 172 | 10.2% | 7.5% | 12.1% |
| McLean | 4,501 | 4,600 | 4,212 | 4,174 | 4,310 | 3,803 | 327 | 290 | 409 | 7.3% | 6.3% | 9.7% |
| Mercer | 5,173 | 5,398 | 4,798 | 4,722 | 4,968 | 4,283 | 451 | 430 | 515 | 8.7% | 8.0% | 10.7% |
| Morton | 12,044 | 11,918 | 11,843 | 11,158 | 11,136 | 10,895 | 886 | 782 | 948 | 7.4% | 6.6% | 8.0% |
| Oliver | 977 | 1,050 | 1,139 | 891 | 979 | 1,051 | 86 | 71 | 88 | 8.8% | 6.8% | 7.7% |
| Sheridan | 939 | 992 | 985 | 856 | 946 | 911 | 83 | 46 | 74 | 8.8% | 4.6% | 7.5% |
| Sioux | 1,333 | 1,357 | 1,295 | 1,193 | 1,216 | 1,180 | 140 | 141 | 115 | 10.5% | 10.4% | 8.9% |
| REGION 7 | 61,692 | 62,218 | 60,539 | 57,632 | 58,387 | 55,943 | 4,060 | 3,831 | 4,596 | 6.6% | 6.2% | 7.6% |
| Adams | 1,654 | 1,708 | 1,663 | 1,598 | 1,649 | 1,596 | 56 | 59 | 67 | 3.4% | 3.5% | 4.0% |
| Billings | 675 | 683 | 634 | 641 | 643 | 587 | 34 | 40 | 47 | 5.0% | 5.9% | 7.4% |
| Bowman | 1,958 | 2,004 | 1,991 | 1,899 | 1,957 | 1,817 | 59 | 47 | 174 | 3.0% | 2.3% | 8.7% |
| Dunn | 1,453 | 1,526 | 1,579 | 1,282 | 1,368 | 1,412 | 171 | 158 | 167 | 11.8% | 10.4% | 10.6% |
| Gldn Valley | 969 | 1,023 | 891 | 935 | 984 | 851 | 34 | 39 | 40 | 3.5% | 3.8% | 4.5% |
| Hettinger | 1,641 | 1,672 | 1,729 | 1,532 | 1,599 | 1,609 | 109 | 73 | 120 | 6.6% | 4.4% | 6.9% |
| Slope | 354 | 413 | 383 | 332 | 374 | 326 | 22 | 39 | 57 | 6.2% | 9.4% | 14.9% |
| Stark | 11,353 | 11,374 | 11,312 | 10,717 | 10,788 | 10,157 | 636 | 586 | 1,155 | 5.6% | 5.2% | 10.2% |
| REGION 8 | 20,057 | 20,403 | 20,182 | 18,936 | 19,362 | 18,355 | 1,121 | 1,041 | 1,827 | 5.6% | 5.1% | 9.1% |
| STATE TOTAL | 312,013 | 314,978 | 313,138 | 293,919 | 298,442 | 292,578 | 18,094 | 16,536 | 20,560 | 5.8% | 5.2% | 6.6% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

|  | December 1987 | November 1987 | December 1986 | Percent Change From November 1987 | Percent Change From December 1986 |
|---|---|---|---|---|---|
| UNITED STATES (In Thousands) |  |  |  |  |  |
| Labor Force | 122,472 | 122,371 | 120,336 | 0.1% | 1.8% |
| Employment | 115,494 | 115,255 | 112,387 | 0.2% | 2.8% |
| Unemployment | 6,978 | 7,116 | 7,949 | -1.9% | -12.2% |
| Unemployment Rate | 5.7% | 5.8% | 6.6% | xxx | xxx |
| NORTH DAKOTA |  |  |  |  |  |
| Labor Force | 312,010 | 314,980 | 313,140 | -0.9% | -0.4% |
| Employment | 293,920 | 298,440 | 292,580 | -1.5% | 0.5% |
| Unemployment | 18,090 | 16,540 | 20,560 | 9.4% | -12.0% |
| Unemployment Rate | 5.8% | 5.2% | 6.6% | xxx | xxx |
| FARGO-MOORHEAD MSA |  |  |  |  |  |
| Labor Force | 84,000 | 84,150 | 82,250 | -0.2% | 2.1% |
| Employment | 80,260 | 80,910 | 78,930 | -0.8% | 1.7% |
| Unemployment | 3,740 | 3,240 | 3,320 | 15.4% | 12.7% |
| Unemployment Rate | 4.5% | 3.9% | 4.0% | xxx | xxx |
| GRAND FORKS MSA |  |  |  |  |  |
| Labor Force | 35,670 | 35,670 | 35,100 | 0.0% | 1.6% |
| Employment | 34,030 | 34,040 | 33,850 | 0.0% | 0.5% |
| Unemployment | 1,640 | 1,630 | 1,250 | 0.6% | 31.2% |
| Unemployment Rate | 4.6% | 4.6% | 3.6% | xxx | xxx |
| BISMARCK MSA |  |  |  |  |  |
| Labor Force | 43,730 | 43,570 | 43,140 | 0.4% | 1.4% |
| Employment | 41,130 | 41,050 | 40,160 | 0.2% | 2.4% |
| Unemployment | 2,600 | 2,520 | 2,980 | 3.2% | -12.8% |
| Unemployment Rate | 5.9% | 5.8% | 6.9% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### NOVEMBER 1987
(In Thousands)

|  | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 314.9 | 344.2 | 2,255.0 | 397.2 |
| Employment | 298.4 | 325.3 | 2,122.3 | 367.5 |
| Unemployment | 16.5 | 18.9 | 132.7 | 29.7 |
| Unemployment Rate | 5.2% | 5.5% | 5.9% | 7.5% |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street S
Phone: 237-7113

JAMESTOWN
429 Second Street SW
Phone: 251-2256

VALLEY CITY
2425 W Main
Phone: 845-7261

BEULAH
119 E Main
Phone: 873-5607

DEVILS LAKE
301 College Drive
Phone: 662-2181

GRAND FORKS
2016 S Washington
Phone: 777-3711

MANDAN
501 First Street NW
Phone: 663-6461

WAHPETON
524 Second Avenue N
Phone: 671-2711

ROLLA
103 E Main
Phone: 477-5631

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue S
Phone: 352-2202

MINOT
3416 N Broadway
Phone: 852-2164

WILLISTON
422 First Avenue W
Phone: 572-7771

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

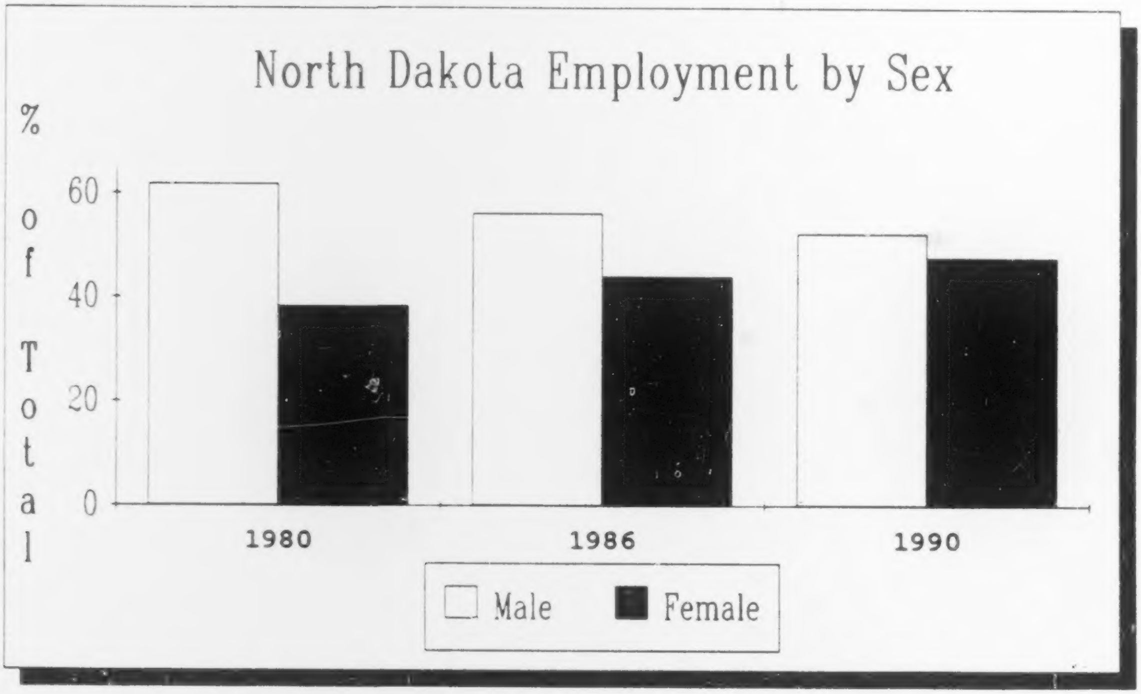
If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

3/16/88 S6140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

JANUARY 1988

VOLUME 4, NUMBER 1



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

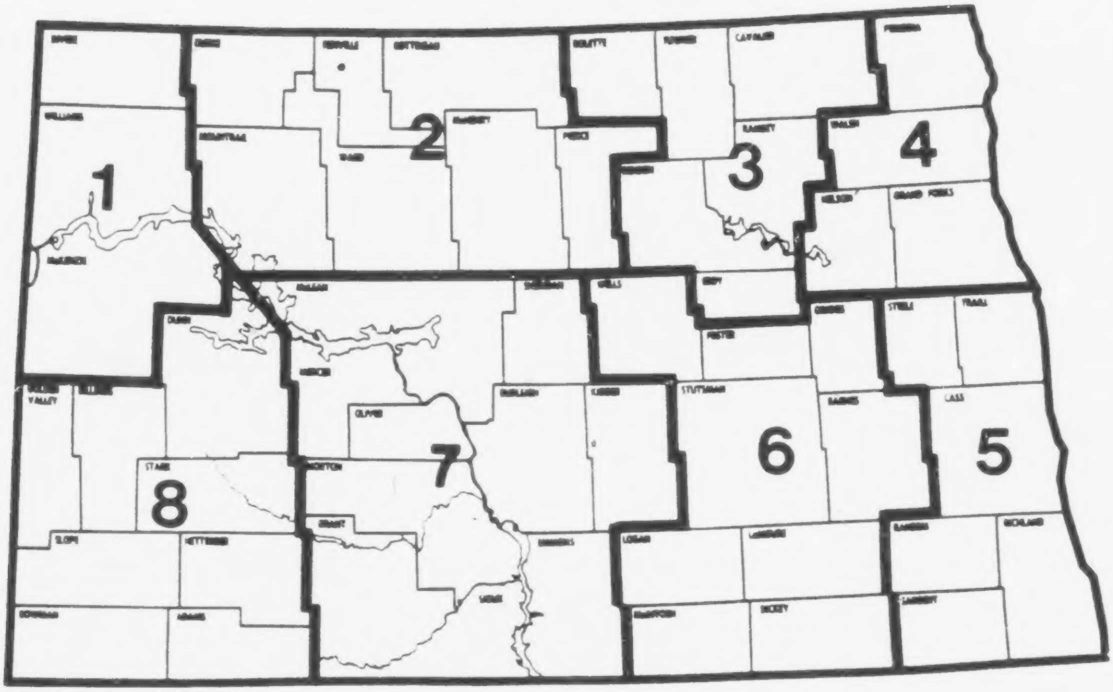
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

## North Dakota's Population and Labor Force

Several processes have been shaping the character of North Dakota's population and labor force since the beginning of the decade:

1. The proportion of the total adult population either working or looking for work has increased substantially.

2. Women hold a growing share of jobs in North Dakota.

3. The number of youth available to enter the labor force has sharply decreased.

4. There has been an increase in the economic pressure for out-migration.

5. The labor force is becoming more mature.

In the next few paragraphs we will look at the above items in more detail. It should be noted that in this limited space we will not try to explain why these phenomena are occurring but merely present more details relating to the summary statements above.

The proportion of North Dakota's adult civilian population either working or looking for work now exceeds the national average. Participation rates for males in North Dakota have tended to remain marginally higher and run contrary to national trends. The proportion of all civilian males in North Dakota in the labor market, aged 16 or more, stood at 78.6 percent (77.4% nationally) at the beginning of the decade, and remained at 78.9 percent (76.3% nationally) in 1986.

As a result of increased employment, the female share of all individuals employed in the state rose from 38.2 to 43.9 percent of all job holders between 1980 and 1986. If this rate of growth in female employment is extended from 1986 to 1990, females will be responsible for 47.7 percent of all job holding in North Dakota. In some communities (certain major trade centers), more than half of the jobs are held by females.

Increased female participation in the labor force has taken place at a time when the number of youth available to enter the labor market has decreased substantially.

Historic factors associated with an increasing share of the female population entering the labor force are related to the growth in divorce rates, smaller family size, delayed child bearing and childlessness, and an increase in the number of individuals delaying marriage or never marrying.

In North Dakota there are several economic factors that attract women to the labor force. While the goods-producing industries such as mining and construction are male-dominated industries, females dominate the ever expanding services-producing industries. Employment in the personal services industry is over 80 percent female, and in professional and related industries, over 68 percent of the employment is female.

Higher participation rates in North Dakota may signal the loss of population. Individuals without jobs may have withdrawn from the labor market by leaving the state. Those who remain either have a job, or have a strong prospect of gaining one. One estimate suggests that net migration from North Dakota, from 1985 to 1986, stood at 5,745 persons.

New job opportunities are increasingly found in more urbanized settings. In 1986, for example, 77.3 percent of the jobs in the growing services industry in Region IV were found in Grand Forks County.

In addition to job opportunities, average earnings in urban trade centers tend to be higher than in more rural counties. A combination of comparatively low average earnings opportunities in rural areas, and job growth in more urbanized settings, creates additional inducements for migration from less populated counties to more urbanized areas in the state.

During the remainder of the decade, employment opportunities are likely to be found in industries which have traditionally been more urbanized and which have hired females.

North Dakota's labor force is maturing for two reasons: 1) the aging of the baby boom generation, and 2) it appears that many middle-aged members of the boom generation, who formed families and had children, have left. Also, younger members of the boom generation, unable to establish themselves in a sluggish labor market, seem more likely still to follow historical precedent and search elsewhere for employment.

The preceding summaries were gleaned from the pages of a new publication that Job Service North Dakota is now distributing called the 1988 Annual Planning Report. If you are not presently receiving this publication but would like to obtain a copy, please call the Research and Statistics Section toll-free in North Dakota at 1-800-732-9787. Local inquiries or calls from out of state should call (701) 224-2868. Specific questions concerning the data can be directed to Mr. Tom Gallagher who was the primary researcher of the Annual Planning Report.

**Warren Boyd**
**Research Analyst**

## NORTH DAKOTA

(Rounded to Hundreds)

| INDUSTRIES | CURRENT MONTH JAN 1988 | PREVIOUS MONTH DEC 1987 | ONE YEAR AGO JAN 1987 | CHANGE FROM: LAST MONTH DEC 1987 | CHANGE FROM: LAST YEAR JAN 1987 |
|---|---|---|---|---|---|
| TOTAL | 248,850 | 254,350 | 243,600 | -2.2% | 2.2% |
| MINING | 4,250 | 4,200 | 3,650 | 1.2% | 16.4% |
| COAL | 1,050 | 1,050 | 1,100 | 0.0% | -4.5% |
| CRUDE PET. & NAT. GAS | 3,000 | 2,900 | 2,400 | 3.4% | 25.0% |
| OTHER MINING | 200 | 250 | 150 | -20.0% | 33.3% |
| CONSTRUCTION | 7,650 | 9,000 | 7,750 | -15.0% | -1.3% |
| BUILDING CONSTRUCTION | 2,300 | 2,600 | 2,300 | -11.5% | 0.0% |
| STREET HIGHWAY & HEAVY | 1,150 | 1,600 | 1,250 | -28.1% | -8.0% |
| SPECIAL TRADE CONSTRUCTION | 4,200 | 4,800 | 4,200 | -12.5% | 0.0% |
| MANUFACTURING | 15,950 | 15,850 | 14,950 | 0.6% | 6.7% |
| DURABLE GOODS | 6,500 | 6,500 | 5,750 | 0.0% | 13.0% |
| STONE, CLAY & GLASS | 400 | 500 | 450 | -20.0% | -11.1% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 3,900 | 3,900 | 3,400 | 0.0% | 14.7% |
| OTHER DURABLE GOODS | 1,400 | 1,300 | 1,200 | 7.7% | 16.7% |
| NONDURABLE GOODS | 9,450 | 9,350 | 9,200 | 1.1% | 2.7% |
| FOOD & KINDRED PRODUCTS | 4,650 | 4,550 | 4,800 | 2.2% | -3.1% |
| DAIRY PRODUCTS | 750 | 750 | 750 | 0.0% | 0.0% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,800 | 1,850 | 2,000 | -2.7% | -10.0% |
| BAKERY PRODUCTS | 350 | 350 | 350 | 0.0% | 0.0% |
| OTHER FOOD & KINDRED | 1,750 | 1,600 | 1,700 | 9.4% | 2.9% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,300 | 0.0% | 4.3% |
| OTHER NONDURABLE GOODS | 2,400 | 2,400 | 2,100 | 0.0% | 14.3% |
| TRANS. COMM. & UTILITIES | 16,000 | 16,300 | 15,900 | -1.8% | 0.6% |
| TRANSPORTATION | 8,100 | 8,300 | 7,900 | -2.4% | 2.5% |
| TRUCKING & WAREHOUSE | 4,600 | 4,800 | 4,500 | -4.2% | 2.2% |
| OTHER TRANSPORTATION | 3,500 | 3,500 | 3,400 | 0.0% | 2.9% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,700 | 4,800 | 4,800 | -2.1% | -2.1% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | JAN 1988 | DEC 1987 | JAN 1987 | DEC 1987 | JAN 1987 |
| WHOLESALE TRADE | 19,100 | 19,500 | 18,900 | -2.1% | 1.1% |
| DURABLE GOODS | 9,000 | 9,200 | 8,800 | -2.2% | 2.3% |
| NONDURABLE GOODS | 10,100 | 10,300 | 10,100 | -1.9% | 0.0% |
| RETAIL TRADE | 47,600 | 49,300 | 46,300 | -3.4% | 2.8% |
| GENERAL MERCHANDISE | 6,600 | 7,000 | 6,300 | -5.7% | 4.8% |
| FOOD STORES | 6,600 | 6,700 | 6,500 | -1.5% | 1.5% |
| AUTO DEALERS & SERVICE ST. | 6,500 | 6,500 | 6,500 | 0.0% | 0.0% |
| APPAREL & ACCESSORIES | 2,700 | 2,800 | 2,600 | -3.6% | 3.8% |
| OTHER RETAIL | 25,200 | 26,300 | 24,400 | -4.2% | 3.3% |
| FINANCE, INS. & REAL ESTATE | 12,200 | 12,400 | 12,450 | -1.6% | -2.0% |
| FINANCE | 6,700 | 6,800 | 6,900 | -1.5% | -2.9% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,500 | 2,600 | 2,700 | -3.8% | -7.4% |
| INSURANCE | 3,800 | 3,800 | 3,800 | 0.0% | 0.0% |
| REAL ESTATE | 1,700 | 1,800 | 1,750 | -5.6% | -2.9% |
| SERVICES | 61,300 | 61,700 | 59,100 | -0.6% | 3.7% |
| LODGING | 4,000 | 4,100 | 4,000 | -2.4% | 0.0% |
| HEALTH SERVICES | 26,400 | 26,400 | 25,600 | 0.0% | 3.1% |
| NURSING CARE & HOSPITALS | 19,400 | 19,400 | 18,900 | 0.0% | 2.6% |
| OTHER MEDICAL SERVICES | 7,000 | 7,000 | 6,700 | 0.0% | 4.5% |
| OTHER SERVICES | 30,900 | 31,200 | 29,500 | -1.0% | 4.7% |
| GOVERNMENT | 64,800 | 66,100 | 64,600 | -2.0% | 0.3% |
| FEDERAL | 10,400 | 10,400 | 10,000 | 0.0% | 4.0% |
| STATE GOVERNMENT | 19,200 | 20,100 | 19,700 | -4.5% | -2.5% |
| EDUCATIONAL SERVICES | 12,600 | 13,400 | 12,700 | -6.0% | -0.8% |
| OTHER STATE GOVERNMENT | 6,600 | 6,700 | 7,000 | -1.5% | -5.7% |
| LOCAL GOVERNMENT | 35,200 | 35,600 | 34,900 | -1.1% | 0.9% |
| EDUCATIONAL SERVICES | 17,700 | 17,900 | 17,500 | -1.1% | 1.1% |
| OTHER LOCAL GOVERNMENT | 17,500 | 17,700 | 17,400 | -1.1% | 0.6% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | JAN 1988 | DEC 1987 | JAN 1987 | DEC 1987 | JAN 1987 |
| TOTAL | 71,350 | 72,400 | 68,650 | -1.5% | 3.9% |
| MINING CONSTRUCTION | 2,700 | 3,100 | 2,500 | -12.9% | 8.0% |
| MANUFACTURING | 4,850 | 4,600 | 4,750 | 5.4% | 2.1% |
| DURABLE GOODS | 2,000 | 2,000 | 1,800 | 0.0% | 11.1% |
| NONDURABLE GOODS | 2,850 | 2,600 | 2,950 | 9.6% | -3.4% |
| TRANS., COMM. & UTILITIES | 4,700 | 4,700 | 4,300 | 0.0% | 9.3% |
| TRADE | 20,700 | 21,500 | 20,200 | -3.7% | 2.5% |
| WHOLESALE TRADE | 6,500 | 6,600 | 6,500 | -1.5% | 0.0% |
| RETAIL TRADE | 14,200 | 14,900 | 13,700 | -4.7% | 3.6% |
| FINANCE, INS. & REAL ESTATE | 4,500 | 4,500 | 4,300 | 0.0% | 4.7% |
| SERVICES | 19,300 | 19,400 | 18,400 | -0.5% | 4.9% |
| GOVERNMENT | 14,600 | 14,600 | 14,200 | 0.0% | 2.8% |
| FEDERAL | 2,200 | 2,200 | 2,100 | 0.0% | 4.8% |
| STATE & LOCAL | 12,400 | 12,400 | 12,100 | 0.0% | 2.5% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 29,300 | 30,600 | 28,500 | -4.2% | 2.8% |
| MINING & CONSTRUCTION | 1,100 | 1,250 | 1,250 | -12.0% | -12.0% |
| MANUFACTURING | 1,650 | 1,650 | 1,500 | 0.0% | 10.0% |
| TRANS., COMM. & UTILITIES | 1,550 | 1,600 | 1,550 | -3.1% | 0.0% |
| TRADE | 8,200 | 8,550 | 8,000 | -4.1% | 2.5% |
| WHOLESALE TRADE | 1,500 | 1,550 | 1,400 | -3.2% | 7.1% |
| RETAIL TRADE | 6,700 | 7,000 | 6,600 | -4.3% | 1.5% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,150 | 1,100 | -4.3% | 0.0% |
| SERVICES | 6,800 | 6,800 | 6,300 | 0.0% | 7.9% |
| GOVERNMENT | 8,900 | 9,600 | 8,800 | -7.3% | 1.1% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 36,150 | 36,800 | 35,800 | -1.8% | 1.0% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,150 | 1,300 | 1,200 | -11.5% | -4.2% |
| MANUFACTURING | 1,900 | 1,900 | 1,850 | 0.0% | 2.7% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,700 | 10,000 | 9,500 | -3.0% | 2.1% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,100 | 0.0% | 0.0% |
| RETAIL TRADE | 7,600 | 7,900 | 7,400 | -3.8% | 2.7% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,650 | 0.0% | -3.0% |
| SERVICES | 10,600 | 10,600 | 10,400 | 0.0% | 1.9% |
| GOVERNMENT | 8,300 | 8,500 | 8,400 | -2.4% | -1.2% |

(1982=100)

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

| | Annual Average 1987 | Jan 1988 | Dec 1987 | Jan 1987 | Percent Change From | |
|---|---|---|---|---|---|---|
| | | | | | Dec 1987 | Jan 1987 |
| All Items | 113.6 | 115.7 | 115.4 | 111.2 | 0.3% | 4.0% |
| Food & Beverage | 113.5 | 115.7 | 114.8 | 112.1 | 0.8% | 3.2% |
| Housing | 114.2 | 116.2 | 115.6 | 112.0 | 0.5% | 3.8% |
| Apparel & Upkeep | 110.6 | 110.4 | 112.7 | 105.6 | -2.0% | 4.5% |
| Transportation | 105.4 | 107.1 | 107.6 | 102.6 | -0.5% | 4.4% |
| Medical Care | 130.1 | 134.4 | 133.1 | 126.6 | 1.0% | 6.2% |
| Entertainment | 115.3 | 118.1 | 117.4 | 113.3 | 0.6% | 4.2% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1987 | Jan 1988 | Dec 1987 | Jan 1987 | Percent Change From | |
|---|---|---|---|---|---|---|
| | | | | | Dec 1987 | Jan 1987 |
| All Commodities | N/A | 104.5 | 104.1 | 100.5 | 0.4% | 4.0% |
| Farm Products & Processed Food and Feeds | N/A | 105.3 | 103.9 | 101.1 | 1.3% | 4.2% |
| Industrial Commodities | N/A | 104.3 | 104.1 | 100.4 | 0.2% | 3.9% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan 1988 | Dec 1987 | Jan 1987 | Jan 1988 | Dec 1987 | Jan 1987 | Jan 1988 | Dec 1987 | Jan 1987 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 413.69 | 421.34 | 401.47 | 41.0 | 41.8 | 40.8 | 10.09 | 10.08 | 9.84 |
| Durable Goods | 441.15 | 451.78 | 430.77 | 41.5 | 42.5 | 41.5 | 10.63 | 10.63 | 10.38 |
| Nondurable Goods | 375.07 | 381.71 | 362.69 | 40.2 | 41.0 | 39.9 | 9.33 | 9.31 | 9.09 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 317.22 | 327.21 | 319.96 | 37.9 | 39.0 | 38.0 | 8.37 | 8.39 | 8.42 |
| Durable Goods | 332.23 | 355.19 | 339.96 | 38.1 | 40.5 | 38.5 | 8.72 | 8.77 | 8.83 |
| Nondurable Goods | 306.88 | 308.13 | 309.96 | 37.7 | 37.9 | 37.8 | 8.14 | 8.13 | 8.20 |
| Food & Kindred | 315.56 | 320.26 | 308.77 | 39.2 | 39.2 | 38.5 | 8.05 | 8.17 | 8.02 |
| Printing and Publishing | 267.32 | 269.64 | 252.77 | 31.9 | 32.1 | 30.2 | 8.38 | 8.40 | 8.37 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 297.93 | 340.47 | 311.58 | 36.2 | 39.0 | 36.7 | 8.23 | 8.73 | 8.49 |
| Durable Goods | 267.58 | 339.47 | 313.90 | 34.0 | 39.2 | 36.5 | 7.87 | 8.66 | 8.60 |
| Nondurable Goods | 319.79 | 341.44 | 311.07 | 37.8 | 38.8 | 36.9 | 8.46 | 8.80 | 8.43 |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan'88 | Dec'87 | Jan'87 | Jan'88 | Dec'87 | Jan'87 | 1/88 | 12/87 | 1/87 | 1/88 | 12/87 | 1/87 |
| Divide | 1,439 | 1,529 | 1,449 | 1,374 | 1,457 | 1,338 | 65 | 72 | 111 | 4.5% | 4.7% | 7.7% |
| McKenzie | 2,907 | 2,934 | 3,043 | 2,673 | 2,806 | 2,741 | 234 | 128 | 302 | 8.0% | 4.4% | 9.9% |
| Williams | 10,192 | 10,594 | 11,961 | 9,439 | 10,087 | 10,241 | 753 | 507 | 1,720 | 7.4% | 4.8% | 14.4% |
| REGION 1 | 14,538 | 15,057 | 16,453 | 13,486 | 14,350 | 14,320 | 1,052 | 707 | 2,133 | 7.2% | 4.7% | 13.0% |
| Bottineau | 3,578 | 3,666 | 3,605 | 3,263 | 3,443 | 3,284 | 315 | 223 | 321 | 8.8% | 6.1% | 8.9% |
| Burke | 1,270 | 1,358 | 1,435 | 1,209 | 1,292 | 1,283 | 61 | 66 | 152 | 4.8% | 4.9% | 10.6% |
| McHenry | 2,786 | 2,706 | 2,906 | 2,248 | 2,341 | 2,393 | 538 | 365 | 513 | 19.3% | 13.5% | 17.7% |
| Mountrail | 3,249 | 3,216 | 3,366 | 2,910 | 2,999 | 2,960 | 339 | 217 | 406 | 10.4% | 6.7% | 12.1% |
| Pierce | 2,395 | 2,435 | 2,462 | 2,200 | 2,301 | 2,277 | 195 | 134 | 185 | 8.1% | 5.5% | 7.5% |
| Renville | 1,243 | 1,242 | 1,350 | 1,142 | 1,187 | 1,195 | 101 | 55 | 155 | 8.1% | 4.4% | 11.5% |
| Ward | 25,401 | 25,746 | 25,459 | 23,493 | 24,356 | 23,470 | 1,908 | 1,390 | 1,989 | 7.5% | 5.4% | 7.8% |
| REGION 2 | 39,922 | 40,369 | 40,583 | 36,465 | 37,919 | 36,862 | 3,457 | 2,450 | 3,721 | 8.7% | 6.1% | 9.2% |
| Benson | 3,025 | 3,071 | 3,240 | 2,695 | 2,812 | 2,862 | 330 | 259 | 378 | 10.9% | 8.4% | 11.7% |
| Cavalier | 2,566 | 2,643 | 2,694 | 2,346 | 2,457 | 2,404 | 220 | 186 | 290 | 8.6% | 7.0% | 10.8% |
| Eddy | 1,473 | 1,424 | 1,544 | 1,268 | 1,286 | 1,316 | 205 | 138 | 228 | 13.9% | 9.7% | 14.8% |
| Ramsey | 6,554 | 6,623 | 6,466 | 6,072 | 6,283 | 5,989 | 482 | 340 | 477 | 7.4% | 5.1% | 7.4% |
| Rolette | 5,031 | 4,829 | 5,044 | 3,841 | 4,014 | 4,254 | 1,190 | 815 | 790 | 23.7% | 16.9% | 15.7% |
| Towner | 1,756 | 1,828 | 1,760 | 1,680 | 1,760 | 1,646 | 76 | 68 | 114 | 4.3% | 3.7% | 6.5% |
| REGION 3 | 20,405 | 20,418 | 20,748 | 17,902 | 18,612 | 18,471 | 2,503 | 1,806 | 2,277 | 12.3% | 8.8% | 11.0% |
| Grand Forks | 36,041 | 37,281 | 35,313 | 34,214 | 35,846 | 33,666 | 1,827 | 1,435 | 1,647 | 5.1% | 3.8% | 4.7% |
| Nelson | 1,966 | 1,958 | 2,090 | 1,732 | 1,804 | 1,848 | 234 | 154 | 242 | 11.9% | 7.9% | 11.6% |
| Pembina | 4,770 | 4,881 | 5,143 | 4,136 | 4,449 | 4,336 | 634 | 432 | 807 | 13.3% | 8.9% | 15.7% |
| Walsh | 7,436 | 7,476 | 7,791 | 6,924 | 7,132 | 7,284 | 512 | 344 | 507 | 6.9% | 4.6% | 6.5% |
| REGION 4 | 50,213 | 51,596 | 50,337 | 47,006 | 49,231 | 47,134 | 3,207 | 2,365 | 3,203 | 6.4% | 4.6% | 6.4% |
| Cass | 59,618 | 60,985 | 58,103 | 57,367 | 58,994 | 55,753 | 2,251 | 1,991 | 2,350 | 3.8% | 3.3% | 4.0% |
| Ransom | 2,646 | 2,680 | 2,679 | 2,512 | 2,562 | 2,557 | 134 | 118 | 122 | 5.1% | 4.4% | 4.6% |
| Richland | 8,642 | 8,750 | 8,652 | 8,220 | 8,396 | 8,127 | 422 | 354 | 525 | 4.9% | 4.0% | 6.1% |
| Sargent | 2,396 | 2,422 | 2,469 | 2,281 | 2,356 | 2,315 | 115 | 66 | 154 | 4.8% | 2.7% | 6.2% |
| Steele | 1,106 | 1,109 | 1,140 | 1,063 | 1,076 | 1,064 | 43 | 33 | 76 | 3.9% | 3.0% | 6.7% |
| Traill | 4,212 | 4,365 | 4,320 | 4,060 | 4,247 | 4,189 | 152 | 118 | 131 | 3.6% | 2.7% | 3.0% |
| REGION 5 | 78,620 | 80,311 | 77,363 | 75,503 | 77,631 | 74,005 | 3,117 | 2,680 | 3,358 | 4.0% | 3.3% | 4.3% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan 1988 | Dec 1987 | Jan 1987 | Jan 1988 | Dec 1987 | Jan 1987 | Jan 1988 | Dec 1987 | Jan 1987 | Jan 1988 | Dec 1987 | Jan 1987 |
| Barnes | 6,286 | 6,356 | 6,027 | 5,832 | 6,119 | 5,587 | 454 | 237 | 440 | 7.2% | 3.7% | 7.3% |
| Dickey | 2,995 | 3,065 | 3,207 | 2,757 | 2,896 | 2,979 | 238 | 169 | 228 | 7.9% | 5.5% | 7.1% |
| Foster | 2,056 | 2,087 | 2,140 | 1,891 | 1,972 | 1,943 | 165 | 115 | 197 | 8.0% | 5.5% | 9.2% |
| Griggs | 1,520 | 1,534 | 1,472 | 1,404 | 1,469 | 1,403 | 116 | 65 | 69 | 7.6% | 4.2% | 4.7% |
| La Moure | 2,414 | 2,470 | 2,401 | 2,268 | 2,367 | 2,266 | 146 | 103 | 135 | 6.0% | 4.2% | 5.6% |
| Logan | 1,384 | 1,412 | 1,479 | 1,326 | 1,369 | 1,362 | 58 | 43 | 117 | 4.2% | 3.0% | 7.9% |
| McIntosh | 2,156 | 2,209 | 2,201 | 2,080 | 2,141 | 2,090 | 76 | 68 | 111 | 3.5% | 3.1% | 5.0% |
| Stutsman | 11,954 | 12,191 | 12,240 | 11,201 | 11,617 | 11,284 | 753 | 574 | 956 | 6.3% | 4.7% | 7.8% |
| Wells | 2,874 | 2,891 | 2,925 | 2,556 | 2,675 | 2,615 | 318 | 216 | 310 | 11.1% | 7.5% | 10.6% |
| REGION 6 | 33,639 | 34,215 | 34,092 | 31,315 | 32,625 | 31,529 | 2,324 | 1,590 | 2,563 | 6.9% | 4.6% | 7.5% |
| Burleigh | 32,706 | 32,833 | 32,448 | 30,460 | 31,314 | 30,166 | 2,246 | 1,519 | 2,282 | 6.9% | 4.6% | 7.0% |
| Emmons | 2,149 | 2,161 | 2,224 | 1,947 | 2,033 | 1,999 | 202 | 128 | 225 | 9.4% | 5.9% | 10.1% |
| Grant | 1,822 | 1,855 | 1,867 | 1,712 | 1,765 | 1,749 | 110 | 90 | 118 | 6.0% | 4.9% | 6.3% |
| Kidder | 1,550 | 1,530 | 1,632 | 1,348 | 1,396 | 1,382 | 202 | 134 | 250 | 13.0% | 8.8% | 15.3% |
| McLean | 4,909 | 4,739 | 4,636 | 4,427 | 4,443 | 4,162 | 482 | 296 | 474 | 9.8% | 6.2% | 10.2% |
| Mercer | 5,491 | 5,371 | 5,622 | 4,881 | 4,967 | 5,061 | 610 | 404 | 561 | 11.1% | 7.5% | 10.0% |
| Morton | 12,262 | 12,255 | 12,207 | 11,160 | 11,473 | 11,053 | 1,102 | 782 | 1,154 | 9.0% | 6.4% | 9.5% |
| Oliver | 1,030 | 1,053 | 1,064 | 918 | 973 | 941 | 112 | 80 | 123 | 10.9% | 7.6% | 11.6% |
| Sheridan | 1,059 | 1,073 | 1,155 | 961 | 989 | 1,027 | 98 | 84 | 128 | 9.3% | 7.8% | 11.1% |
| Sioux | 1,344 | 1,406 | 1,343 | 1,221 | 1,278 | 1,206 | 123 | 128 | 137 | 9.2% | 9.1% | 10.2% |
| REGION 7 | 64,322 | 64,276 | 64,198 | 59,035 | 60,631 | 58,746 | 5,287 | 3,645 | 5,452 | 8.2% | 5.7% | 8.5% |
| Adams | 1,696 | 1,764 | 1,750 | 1,631 | 1,713 | 1,675 | 65 | 51 | 75 | 3.8% | 2.9% | 4.3% |
| Billings | 720 | 732 | 711 | 684 | 700 | 651 | 36 | 32 | 60 | 5.0% | 4.4% | 8.4% |
| Bowman | 2,111 | 2,096 | 2,186 | 1,967 | 2,042 | 2,002 | 144 | 54 | 184 | 6.8% | 2.6% | 8.4% |
| Dunn | 1,618 | 1,619 | 1,792 | 1,417 | 1,452 | 1,573 | 201 | 167 | 219 | 12.4% | 10.3% | 12.2% |
| Gldn Valley | 1,010 | 1,031 | 1,027 | 964 | 999 | 978 | 46 | 32 | 49 | 4.6% | 3.1% | 4.8% |
| Hettinger | 1,817 | 1,797 | 1,892 | 1,631 | 1,696 | 1,727 | 186 | 101 | 165 | 10.2% | 5.6% | 8.7% |
| Slope | 437 | 415 | 467 | 377 | 393 | 402 | 60 | 22 | 65 | 13.7% | 5.3% | 13.9% |
| Stark | 11,670 | 11,774 | 12,038 | 10,770 | 11,210 | 10,746 | 900 | 564 | 1,292 | 7.7% | 4.8% | 10.7% |
| | | | | 19441 | | | | | | | | |
| REGION 8 | 21,079 | 21,228 | 21,863 | 19,441 | 20,205 | 19,754 | 1,638 | 1,023 | 2,109 | 7.8% | 4.8% | 9.6% |
| STATE TOTAL | 322,738 | 327,470 | 325,632 | 300,153 | 311,204 | 300,819 | 22,585 | 16,266 | 24,813 | 7.0% | 5.0% | 7.6% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | January 1988 | December 1987 | January 1987 | Percent Change From December 1987 | Percent Change From January 1987 |
|---|---|---|---|---|---|
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 122,924 | 122,472 | 120,782 | 0.4% | 1.8% |
| Employment | 115,878 | 115,494 | 112,759 | 0.3% | 2.8% |
| Unemployment | 7,046 | 6,978 | 8,023 | 1.0% | -12.2% |
| Unemployment Rate | 5.7% | 5.7% | 6.6% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 322,740 | 327,470 | 325,640 | -1.4% | -0.9% |
| Employment | 300,150 | 311,200 | 300,820 | -3.6% | -0.2% |
| Unemployment | 22,590 | 16,270 | 24,820 | 38.8% | -9.0% |
| Unemployment Rate | 7.0% | 5.0% | 7.6% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 84,920 | 87,050 | 83,270 | -2.4% | 2.0% |
| Employment | 81,150 | 83,560 | 79,200 | -2.9% | 2.5% |
| Unemployment | 3,770 | 3,490 | 4,070 | 8.0% | -7.4% |
| Unemployment Rate | 4.4% | 4.0% | 4.9% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 36,040 | 37,290 | 35,320 | -3.4% | 2.0% |
| Employment | 34,210 | 35,850 | 33,670 | -4.6% | 1.6% |
| Unemployment | 1,830 | 1,440 | 1,650 | 27.1% | 10.9% |
| Unemployment Rate | 5.1% | 3.8% | 4.7% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 44,970 | 45,090 | 44,660 | -0.3% | 0.7% |
| Employment | 41,620 | 42,790 | 41,220 | -2.7% | 1.0% |
| Unemployment | 3,350 | 2,300 | 3,440 | 45.7% | -2.6% |
| Unemployment Rate | 7.4% | 5.1% | 7.7% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### DECEMBER 1987
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 327.5 | 339.6 | 2,250.0 | 396.9 |
| Employment | 311.2 | 323.5 | 2,112.3 | 365.8 |
| Unemployment | 16.3 | 16.1 | 137.7 | 31.1 |
| Unemployment Rate | 5.0% | 4.7% | 6.1% | 7.8% |

## DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

### JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street S
Phone: 237-7113

JAMESTOWN
429 Second Street SW
Phone: 251-2256

VALLEY CITY
2425 W Main
Phone: 845-7261

BEULAH
119 E Main
Phone: 873-5607

DEVILS LAKE
301 College Drive
Phone: 662-2181

GRAND FORKS
2016 S Washington
Phone: 777-3711

MANDAN
501 First Street NW
Phone: 663-6461

WAHPETON
524 Second Avenue N
Phone: 671-2711

ROLLA
103 E Main
Phone: 477-5631

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue S
Phone: 352-2202

MINOT
3416 N Broadway
Phone: 852-2164

WILLISTON
422 First Avenue W
Phone: 572-7771

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

4/5/88

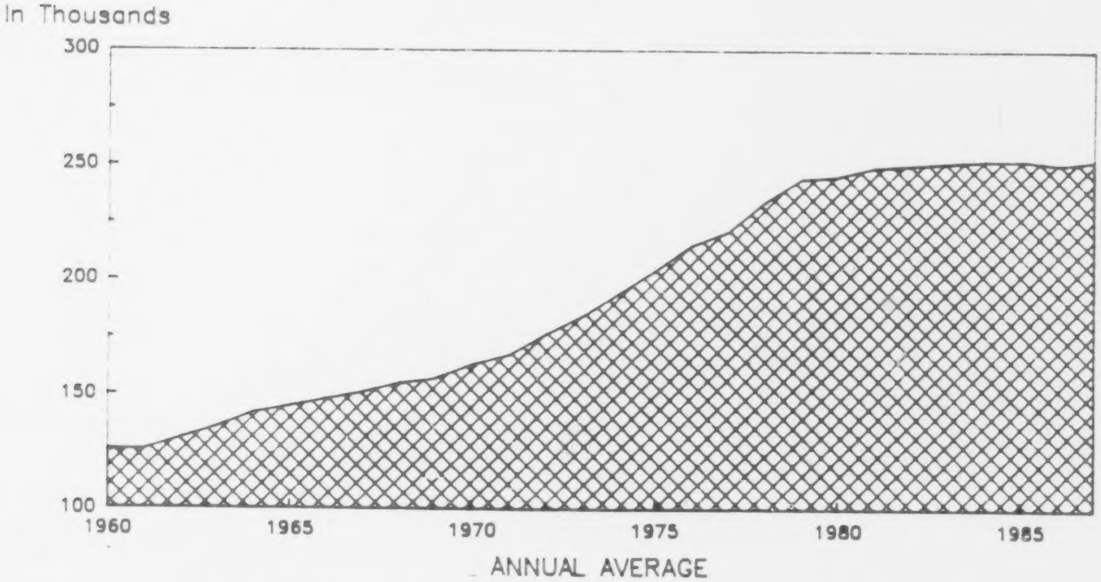
56140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

FEBRUARY 1988

VOLUME 4, NUMBER 2

## NORTH DAKOTA
### NON-FARM WAGE AND SALARY EMPLOYMENT



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

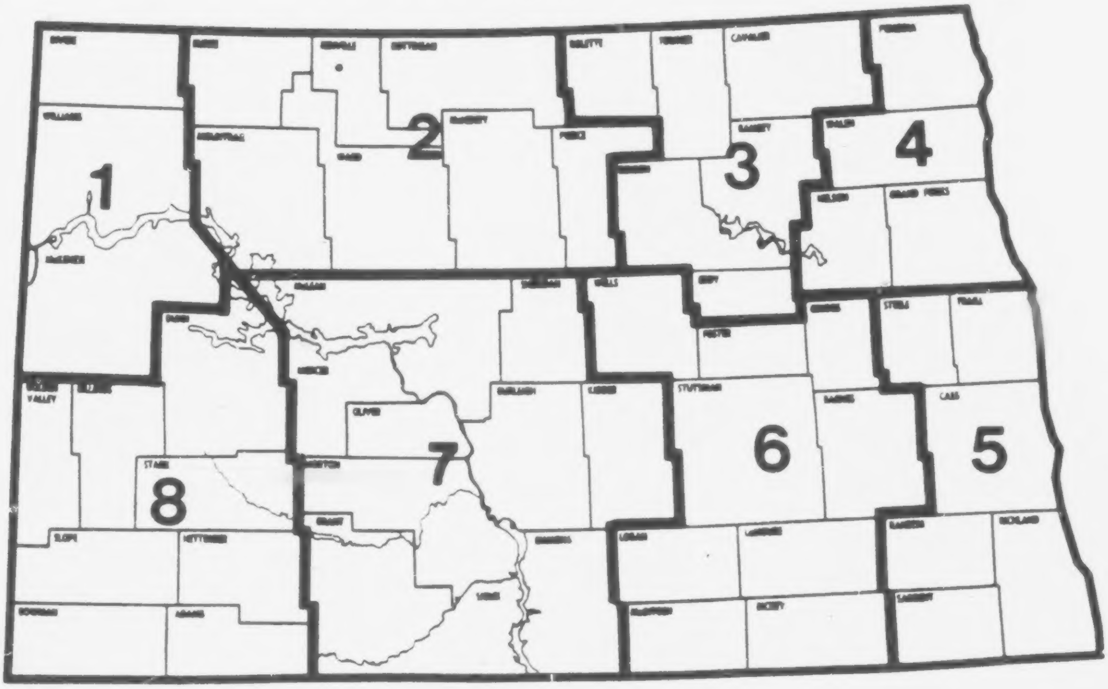
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# 1987 EMPLOYMENT IN REVIEW

Nonagricultural wage and salary employment in North Dakota registered an increase in 1987. The average of 252,250 jobs for the year was 2,350 above the 1986 level. Although not a large gain, it reverses the trend of the previous two years.

Employment hovered between 249,400 and 252,450 between 1981 and 1984. Growth in 1984 was limited due to the completion of the coal gasification plant, which led to a drop of more than 3,600 workers in the construction industry. In 1985, employment in most industries was stable and total nonfarm wage and salary employment held at 252,100. Employment in the oil industry peaked in 1981 when it averaged 9,380. From 1983 to 1985, it ranged between 5,100 and 5,800, but during 1986, employment dropped by an additional 2,200. This, combined with declines in construction (-900), transportation, communications and utilities (-400), and wholesale trade (-600), caused total nonfarm employment to drop by 2,200 in 1986. (There were some offsetting increases in 1986, most notably a gain of 1,200 in services.)

Although 1987 was not a banner year, the increases in employment are generating a degree of optimism. Employment growth in the services industry has been the strongest and most consistent. Between 1980 and 1986, it added nearly 10,000 workers, and during the past year, an additional 1,700 workers were hired, bringing the industry total to 60,900. Employment in health services increased by 1,000 with nursing homes and hospitals employing 600 more workers and other health services adding 400. Other services, primarily personal, business, and social services, accounted for the balance of the gain (+700) in the services industry.

Retail trade added 500 workers during the year to take second place in total growth. Department stores and eating and drinking establishments accounted for the most of this gain.

Manufacturing edged up by 300 with the majority of the gain evident in durable goods. Fabricated metals, machinery (including transportation equipment) and other durable goods each recorded gains of 100.

Government employment increased by 200 over the year with all of the gain occurring in federal government. The addition of 500 in this sector was offset by a drop of 100 in state colleges and 200 in local schools. State and local government, other than education, was unchanged.

Finance, insurance and real estate added 100 workers with the additions occurring in financial institutions. Employment in transportation, communications and utilities also increased by 100; however, there were some shifts within the industry. Transportation employment rose by 300, while communications and utilities each declined by 100.

Employment in construction remained stable with only some minor shifts within the industry. Wholesale trade remained unchanged over the year. This may be construed as good news, especially for the durable goods sector which has recorded declines every year since 1981 with the exception of 1984 when it increased by 100. These declines were a direct result of the reduced activity in the oil fields and depressed conditions in the farm sector.

The only industry to show a decline between 1986 and 1987 was mining with a drop of 550. With low prices and abundant imported supplies, there has been little incentive for exploration or drilling in the state. The result was a loss of 500 jobs in the oil industry in 1987. In addition, employment in coal mining dropped by 100, while the mining of other products, mainly gravel, added 50 workers.

Tables showing annual average labor force data for North Dakota, the Fargo-Moorhead, Grand Forks and Bismarck MSA's, and all counties are included in this publication. Detailed nonagricultural wage and salary employment for the state and the three MSA's are included, together with average hours and earnings information for production workers in the manufacturing industry in North Dakota and the Fargo-Moorhead MSA.

If additional information is needed, contact the Research and Statistics Section of Job Service North Dakota at the address listed on the back cover. If you prefer, you may call toll-free in North Dakota, 1-800-732-9787. If you are in the Bismarck-Mandan area or out of state, please call (701) 224-3050.

**Dale Dehlin**
**Research Analyst**

## *CONSUMER PRICE INDEX AND PRODUCER PRICE INDEX*

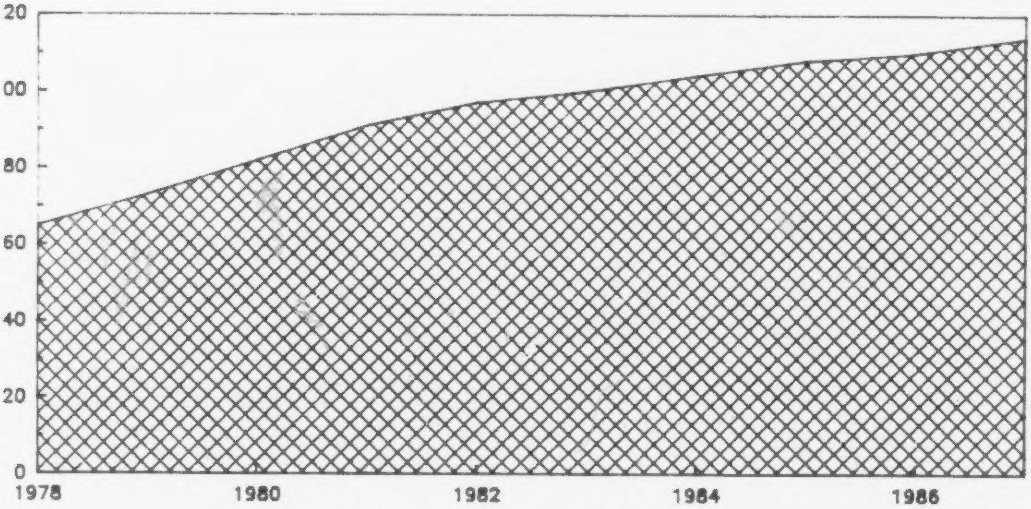
## *BASE YEAR CHANGES*

Beginning with the release of data for January 1988, the Consumer Price Index and the Producer Price Index shifted to a new base. The new indexes are based on 1982-84 equalling 100. The last time the Bureau of Labor Statistics rebased the two series was in 1971 with 1967 selected as the base year.

A copy of the "U. S. City Average All Items Index" on the new base, by month, from 1935 through January 1988 is included in this publication. A conversion factor has also been provided by BLS. This factor, .3338279, can be used to rebase one series to the other. To convert the "U. S. City Average All Items Index" from the 1967 base to the 1982-84 base, the 1967 based index should be multiplied by .3338279. As an example, to convert the December index of 345.7 on the 1967 base to the 1982-84 base, you would multiply 345.7 x .3338279 = 115.4. Conversely, to convert a 1982-84 index to the 1967 base, the 1982-84 index should be divided by the factor.

If you have any questions, contact the Research and Statistics Section of Job Service North Dakota. If we are unable to answer them, we will be able to refer you to the regional office of the Bureau of Labor Statistics.

## CONSUMER PRICE INDEX
### ALL URBAN CONSUMERS, ALL ITEMS



1982–84=100

# U.S. CITY AVERAGE ALL ITEMS 1982-84-100 ALL URBAN CONSUMERS

| YR | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | ANNU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.6 | 13.7 | 13.7 | 13.8 | 13.8 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.8 | 13.8 | 13. |
| 36 | 13.8 | 13.8 | 13.7 | 13.7 | 13.7 | 13.8 | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 13. |
| 37 | 14.1 | 14.1 | 14.2 | 14.3 | 14.4 | 14.4 | 14.5 | 14.5 | 14.6 | 14.6 | 14.5 | 14.4 | 14. |
| 38 | 14.2 | 14.1 | 14.1 | 14.2 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.0 | 14.0 | 14.0 | 14. |
| 39 | 14.0 | 13.9 | 13.9 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 14.1 | 14.0 | 14.0 | 14.0 | 13. |
| 40 | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 14.1 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.1 | 14. |
| 41 | 14.1 | 14.1 | 14.2 | 14.3 | 14.4 | 14.7 | 14.7 | 14.9 | 15.1 | 15.3 | 15.4 | 15.5 | 14. |
| 42 | 15.7 | 15.8 | 16.0 | 16.1 | 16.3 | 16.3 | 16.4 | 16.5 | 16.5 | 16.7 | 16.8 | 16.9 | 16. |
| 43 | 16.9 | 16.9 | 17.2 | 17.4 | 17.5 | 17.5 | 17.4 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17. |
| 44 | 17.4 | 17.4 | 17.4 | 17.5 | 17.5 | 17.6 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.8 | 17. |
| 45 | 17.8 | 17.8 | 17.8 | 17.8 | 17.9 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.1 | 18.2 | 18. |
| 46 | 18.2 | 18.1 | 18.3 | 18.4 | 18.5 | 18.7 | 19.8 | 20.2 | 20.4 | 20.8 | 21.3 | 21.5 | 19. |
| 47 | 21.5 | 21.5 | 21.9 | 21.9 | 21.9 | 22.0 | 22.2 | 22.5 | 23.0 | 23.0 | 23.1 | 23.4 | 22. |
| 48 | 23.7 | 23.5 | 23.4 | 23.8 | 23.9 | 24.1 | 24.4 | 24.5 | 24.5 | 24.4 | 24.2 | 24.1 | 24. |
| 49 | 24.0 | 23.8 | 23.8 | 23.9 | 23.8 | 23.9 | 23.7 | 23.8 | 23.9 | 23.7 | 23.8 | 23.6 | 23. |
| 50 | 23.5 | 23.5 | 23.6 | 23.6 | 23.7 | 23.8 | 24.1 | 24.3 | 24.4 | 24.6 | 24.7 | 25.0 | 24. |
| 51 | 25.4 | 25.7 | 25.8 | 25.8 | 25.9 | 25.9 | 25.9 | 25.9 | 26.1 | 26.2 | 26.4 | 26.5 | 26. |
| 52 | 26.5 | 26.3 | 26.3 | 26.4 | 26.4 | 26.5 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26. |
| 53 | 26.6 | 26.5 | 26.6 | 26.6 | 26.7 | 26.8 | 26.8 | 26.9 | 26.9 | 27.0 | 26.9 | 26.9 | 26. |
| 54 | 26.9 | 26.9 | 26.9 | 26.8 | 26.9 | 26.9 | 26.9 | 26.9 | 26.8 | 26.8 | 26.8 | 26.7 | 26. |
| 55 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.8 | 26.8 | 26.9 | 26.9 | 26.9 | 26.8 | 26. |
| 56 | 26.8 | 26.8 | 26.8 | 26.9 | 27.0 | 27.2 | 27.4 | 27.3 | 27.4 | 27.5 | 27.5 | 27.6 | 27. |
| 57 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.3 | 28.3 | 28.3 | 28.3 | 28.4 | 28.4 | 28. |
| 58 | 28.6 | 28.6 | 28.8 | 28.9 | 28.9 | 28.9 | 29.0 | 28.9 | 28.9 | 28.9 | 29.0 | 28.9 | 28. |
| 59 | 29.0 | 28.9 | 28.9 | 29.0 | 29.0 | 29.1 | 29.2 | 29.2 | 29.3 | 29.4 | 29.4 | 29.4 | 29. |
| 60 | 29.3 | 29.4 | 29.4 | 29.5 | 29.5 | 29.6 | 29.6 | 29.6 | 29.6 | 29.8 | 29.8 | 29.8 | 29. |
| 61 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 30.0 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 29. |
| 62 | 30.0 | 30.1 | 30.1 | 30.2 | 30.2 | 30.2 | 30.3 | 30.3 | 30.4 | 30.4 | 30.4 | 30.4 | 30. |
| 63 | 30.4 | 30.4 | 30.5 | 30.5 | 30.5 | 30.6 | 30.7 | 30.7 | 30.7 | 30.8 | 30.8 | 30.9 | 30. |
| 64 | 30.9 | 30.9 | 30.9 | 30.9 | 30.9 | 31.0 | 31.1 | 31.0 | 31.1 | 31.1 | 31.2 | 31.2 | 31. |
| 65 | 31.2 | 31.2 | 31.3 | 31.4 | 31.4 | 31.6 | 31.6 | 31.6 | 31.6 | 31.7 | 31.7 | 31.8 | 31. |
| 66 | 31.8 | 32.0 | 32.1 | 32.3 | 32.3 | 32.4 | 32.5 | 32.7 | 32.7 | 32.9 | 32.9 | 32.9 | 32. |
| 67 | 32.9 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 33. |
| 68 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.7 | 34.9 | 35.0 | 35.1 | 35.3 | 35.4 | 35.5 | 34. |
| 69 | 35.6 | 35.8 | 36.1 | 36.3 | 36.4 | 36.6 | 36.8 | 37.0 | 37.1 | 37.3 | 37.5 | 37.7 | 36. |
| 70 | 37.8 | 38.0 | 38.2 | 38.5 | 38.6 | 38.8 | 39.0 | 39.0 | 39.2 | 39.4 | 39.6 | 39.8 | 38. |
| 71 | 39.8 | 39.9 | 40.0 | 40.1 | 40.3 | 40.6 | 40.7 | 40.8 | 40.8 | 40.9 | 40.9 | 41.1 | 40. |
| 72 | 41.1 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.9 | 42.0 | 42.1 | 42.3 | 42.4 | 42.5 | 41. |
| 73 | 42.6 | 42.9 | 43.3 | 43.6 | 43.9 | 44.2 | 44.3 | 45.1 | 45.2 | 45.6 | 45.9 | 46.2 | 44. |
| 74 | 46.6 | 47.2 | 47.8 | 48.0 | 48.6 | 49.0 | 49.4 | 50.0 | 50.6 | 51.1 | 51.5 | 51.9 | 49. |
| 75 | 52.1 | 52.5 | 52.7 | 52.9 | 53.2 | 53.6 | 54.2 | 54.3 | 54.6 | 54.9 | 55.3 | 55.5 | 53. |
| 76 | 55.6 | 55.8 | 55.9 | 56.1 | 56.5 | 56.8 | 57.1 | 57.4 | 57.6 | 57.9 | 58.0 | 58.2 | 56. |
| 77 | 58.5 | 59.1 | 59.5 | 60.0 | 60.3 | 60.7 | 61.0 | 61.2 | 61.4 | 61.6 | 61.9 | 62.1 | 60. |
| 78 | 62.5 | 62.9 | 63.4 | 63.9 | 64.5 | 65.2 | 65.7 | 66.0 | 66.5 | 67.1 | 67.4 | 67.7 | 65. |
| 79 | 68.3 | 69.1 | 69.8 | 70.6 | 71.5 | 72.3 | 73.1 | 73.8 | 74.6 | 75.2 | 75.9 | 76.7 | 72. |
| 80 | 77.8 | 78.9 | 80.1 | 81.0 | 81.8 | 82.7 | 82.7 | 83.3 | 84.0 | 84.8 | 85.5 | 86.3 | 82.4 |
| 81 | 87.0 | 87.9 | 88.5 | 89.1 | 89.8 | 90.6 | 91.6 | 92.3 | 93.2 | 93.4 | 93.7 | 94.0 | 90. |
| 82 | 94.3 | 94.6 | 94.5 | 94.9 | 95.8 | 97.0 | 97.5 | 97.7 | 97.9 | 98.2 | 98.0 | 97.6 | 96. |
| 83 | 97.8 | 97.9 | 97.9 | 98.6 | 99.2 | 99.5 | 99.9 | 100.2 | 100.7 | 101.0 | 101.2 | 101.3 | 99. |
| 84 | 101.9 | 102.4 | 102.6 | 103.1 | 103.4 | 103.7 | 104.1 | 104.5 | 105.0 | 105.3 | 105.3 | 105.3 | 103. |
| 85 | 105.5 | 106.0 | 106.4 | 106.9 | 107.3 | 107.6 | 107.8 | 108.0 | 108.3 | 108.7 | 109.0 | 109.1 | 107. |
| 86 | 109.6 | 109.3 | 108.8 | 108.6 | 108.9 | 109.5 | 109.5 | 109.7 | 110.2 | 110.3 | 110.4 | 110.5 | 109. |
| 87 | 111.2 | 111.6 | 112.1 | 112.7 | 113.1 | 113.5 | 113.8 | 114.4 | 115.0 | 115.3 | 115.4 | 115.4 | 113. |
| 88 | 115.7 |  |  |  |  |  |  |  |  |  |  |  |  |

## NORTH DAKOTA

## (ROUNDED TO FIFTY)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | FEB 1988 | JAN 1988 | FEB 1987 | JAN 1988 | FEB 1987 |
| TOTAL | 249,050 | 248,750 | 243,900 | 0.1% | 2.1% |
| MINING | 4,050 | 4,250 | 3,550 | -4.7% | 14.1% |
| COAL | 1,050 | 1,050 | 1,100 | 0.0% | -4.5% |
| CRUDE PET. & NAT. GAS | 2,800 | 3,000 | 2,300 | -6.7% | 21.7% |
| OTHER MINING | 200 | 200 | 150 | 0.0% | 33.3% |
| CONSTRUCTION | 7,250 | 7,600 | 7,300 | -4.6% | -0.7% |
| BUILDING CONSTRUCTION | 2,100 | 2,300 | 2,100 | -8.7% | 0.0% |
| STREET HIGHWAY & HEAVY | 1,150 | 1,100 | 1,300 | 4.5% | -11.5% |
| SPECIAL TRADE CONSTRUCTION | 4,000 | 4,200 | 3,900 | -4.8% | 2.6% |
| MANUFACTURING | 16,150 | 15,900 | 15,250 | 1.6% | 5.9% |
| DURABLE GOODS | 6,500 | 6,500 | 6,050 | 0.0% | 7.4% |
| STONE, CLAY & GLASS | 400 | 400 | 450 | 0.0% | -11.1% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 3,900 | 3,900 | 3,700 | 0.0% | 5.4% |
| OTHER DURABLE GOODS | 1,400 | 1,400 | 1,200 | 0.0% | 16.7% |
| NONDURABLE GOODS | 9,650 | 9,400 | 9,200 | 2.7% | 4.9% |
| FOOD & KINDRED PRODUCTS | 4,850 | 4,600 | 4,800 | 5.4% | 1.0% |
| DAIRY PRODUCTS | 750 | 750 | 750 | 0.0% | 0.0% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 2,000 | 1,800 | 2,100 | 11.1% | -4.8% |
| BAKERY PRODUCTS | 350 | 350 | 300 | 0.0% | 16.7% |
| OTHER FOOD & KINDRED | 1,750 | 1,700 | 1,650 | 2.9% | 6.1% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,300 | 0.0% | 4.3% |
| OTHER NONDURABLE GOODS | 2,400 | 2,400 | 2,100 | 0.0% | 14.3% |
| TRANS. COMM. & UTILITIES | 15,900 | 15,900 | 15,900 | 0.0% | 0.0% |
| TRANSPORTATION | 8,000 | 8,000 | 8,000 | 0.0% | 0.0% |
| TRUCKING & WAREHOUSE | 4,600 | 4,600 | 4,500 | 0.0% | 2.2% |
| OTHER TRANSPORTATION | 3,400 | 3,400 | 3,500 | 0.0% | -2.9% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,700 | 4,700 | 4,700 | 0.0% | 0.0% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: | |
|---|---|---|---|---|---|
| | | | | LAST MONTH | LAST YEAR |
| INDUSTRIES | FEB 1988 | JAN 1988 | FEB 1987 | JAN 1988 | FEB 1987 |
| WHOLESALE TRADE | 19,000 | 19,100 | 18,800 | -0.5% | 1.1% |
| DURABLE GOODS | 9,000 | 9,000 | 8,700 | 0.0% | 3.4% |
| NONDURABLE GOODS | 10,000 | 10,100 | 10,100 | -1.0% | -1.0% |
| RETAIL TRADE | 47,200 | 47,700 | 45,900 | -1.0% | 2.8% |
| GENERAL MERCHANDISE | 6,500 | 6,700 | 6,000 | -3.0% | 8.3% |
| FOOD STORES | 6,600 | 6,600 | 6,500 | 0.0% | 1.5% |
| AUTO DEALERS & SERVICE ST. | 6,400 | 6,500 | 6,500 | -1.5% | -1.5% |
| APPAREL & ACCESSORIES | 2,600 | 2,700 | 2,500 | -3.7% | 4.0% |
| OTHER RETAIL | 25,100 | 25,200 | 24,400 | -0.4% | 2.9% |
| FINANCE, INS. & REAL ESTATE | 12,200 | 12,200 | 12,400 | 0.0% | -1.6% |
| FINANCE | 6,700 | 6,700 | 6,800 | 0.0% | -1.5% |
| BANKING | 4,200 | 4,200 | 4,100 | 0.0% | 2.4% |
| OTHER FINANCE | 2,500 | 2,500 | 2,700 | 0.0% | -7.4% |
| INSURANCE | 3,800 | 3,800 | 3,800 | 0.0% | 0.0% |
| REAL ESTATE | 1,700 | 1,700 | 1,800 | 0.0% | -5.6% |
| SERVICES | 61,500 | 61,300 | 59,300 | 0.3% | 3.7% |
| LODGING | 4,100 | 4,000 | 4,000 | 2.5% | 2.5% |
| HEALTH SERVICES | 26,400 | 26,400 | 25,600 | 0.0% | 3.1% |
| NURSING CARE & HOSPITALS | 19,400 | 19,400 | 18,900 | 0.0% | 2.6% |
| OTHER MEDICAL SERVICES | 7,000 | 7,000 | 6,700 | 0.0% | 4.5% |
| OTHER SERVICES | 31,000 | 30,900 | 29,700 | 0.3% | 4.4% |
| GOVERNMENT | 65,800 | 64,800 | 65,500 | 1.5% | 0.5% |
| FEDERAL | 10,300 | 10,400 | 9,900 | -1.0% | 4.0% |
| STATE GOVERNMENT | 19,900 | 19,200 | 20,300 | 3.6% | -2.0% |
| EDUCATIONAL SERVICES | 13,300 | 12,600 | 13,300 | 5.6% | 0.0% |
| OTHER STATE GOVERNMENT | 6,600 | 6,600 | 7,000 | 0.0% | -5.7% |
| LOCAL GOVERNMENT | 35,600 | 35,200 | 35,300 | 1.1% | 0.8% |
| EDUCATIONAL SERVICES | 18,100 | 17,700 | 17,900 | 2.3% | 1.1% |
| OTHER LOCAL GOVERNMENT | 17,500 | 17,500 | 17,400 | 0.0% | 0.6% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | FEB 1988 | JAN 1988 | FEB 1987 | JAN 1988 | FEB 1987 |
| TOTAL | 71,700 | 71,350 | 68,700 | 0.5% | 4.4% |
| MINING CONSTRUCTION | 2,600 | 2,700 | 2,500 | -3.7% | 4.0% |
| MANUFACTURING | 4,800 | 4,850 | 4,700 | -1.0% | 2.1% |
| DURABLE GOODS | 1,950 | 2,000 | 1,850 | -2.5% | 5.4% |
| NONDURABLE GOODS | 2,850 | 2,850 | 2,850 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 4,700 | 4,700 | 4,300 | 0.0% | 9.3% |
| TRADE | 20,600 | 20,700 | 20,000 | -0.5% | 3.0% |
| WHOLESALE TRADE | 6,500 | 6,500 | 6,400 | 0.0% | 1.6% |
| RETAIL TRADE | 14,100 | 14,200 | 13,600 | -0.7% | 3.7% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,500 | 4,300 | 2.2% | 7.0% |
| SERVICES | 19,500 | 19,300 | 18,600 | 1.0% | 4.8% |
| GOVERNMENT | 14,900 | 14,600 | 14,300 | 2.1% | 4.2% |
| FEDERAL | 2,200 | 2,200 | 2,100 | 0.0% | 4.8% |
| STATE & LOCAL | 12,700 | 12,400 | 12,200 | 2.4% | 4.1% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 29,800 | 29,250 | 29,100 | 1.9% | 2.4% |
| MINING & CONSTRUCTION | 1,000 | 1,100 | 1,200 | -9.1% | -16.7% |
| MANUFACTURING | 1,800 | 1,600 | 1,550 | 12.5% | 16.1% |
| TRANS., COMM. & UTILITIES | 1,550 | 1,550 | 1,550 | 0.0% | 0.0% |
| TRADE | 8,100 | 8,200 | 7,900 | -1.2% | 2.5% |
| WHOLESALE TRADE | 1,500 | 1,500 | 1,400 | 0.0% | 7.1% |
| RETAIL TRADE | 6,600 | 6,700 | 6,500 | -1.5% | 1.5% |
| FINANCE, INS. & REAL ESTATE | 1,150 | 1,100 | 1,100 | 4.5% | 4.5% |
| SERVICES | 6,800 | 6,800 | 6,500 | 0.0% | 4.6% |
| GOVERNMENT | 9,400 | 8,900 | 9,300 | 5.6% | 1.1% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 36,200 | 36,150 | 35,800 | 0.1% | 1.1% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,100 | 1,150 | 1,200 | -4.3% | -8.3% |
| MANUFACTURING | 1,900 | 1,900 | 1,850 | 0.0% | 2.7% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,600 | 9,700 | 9,400 | -1.0% | 2.1% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,100 | 0.0% | 0.0% |
| RETAIL TRADE | 7,500 | 7,600 | 7,300 | -1.3% | 2.7% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,650 | 0.0% | -3.0% |
| SERVICES | 10,600 | 10,600 | 10,400 | 0.0% | 1.9% |
| GOVERNMENT | 8,500 | 8,300 | 8,500 | 2.4% | 0.0% |

(1982-84=100)

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

| | Annual Average 1987 | Feb 1988 | Jan 1988 | Feb 1987 | Percent Change From Jan 1988 | Percent Change From Feb 1987 |
|---|---|---|---|---|---|---|
| All Items | 113.6 | 116.0 | 115.7 | 111.6 | 0.3% | 3.9% |
| Food & Beverage | 113.5 | 115.8 | 115.7 | 112.5 | 0.1% | 2.9% |
| Housing | 114.2 | 116.6 | 116.2 | 112.4 | 0.3% | 3.7% |
| Apparel & Upkeep | 110.6 | 110.2 | 110.4 | 106.2 | -0.2% | 3.8% |
| Transportation | 105.4 | 106.8 | 107.1 | 103.1 | -0.3% | 3.6% |
| Medical Care | 130.1 | 135.5 | 134.4 | 127.4 | 0.8% | 6.4% |
| Entertainment | 115.3 | 118.3 | 118.1 | 113.5 | 0.2% | 4.2% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1987 | Feb 1988 | Jan 1988 | Feb 1987 | Percent Change From Jan 1988 | Percent Change From Feb 1987 |
|---|---|---|---|---|---|---|
| All Commodities | 102.8 | 104.6 | 104.5 | 101.0 | 0.1% | 3.6% |
| Farm Products & Processed Food and Feeds | 103.7 | 105.2 | 105.3 | 101.6 | -0.1% | 3.5% |
| Industrial Commodities | 102.6 | 104.4 | 104.3 | 100.8 | 0.1% | 3.6% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Feb 1988 | Jan 1988 | Feb 1987 | Feb 1988 | Jan 1988 | Feb 1987 | Feb 1988 | Jan 1988 | Feb 1987 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 409.85 | 412.87 | 401.47 | 40.7 | 41.0 | 40.8 | 10.07 | 10.07 | 9.84 |
| Durable Goods | 438.19 | 441.79 | 431.19 | 41.3 | 41.6 | 41.5 | 10.61 | 10.62 | 10.39 |
| Nondurable Goods | 370.54 | 374.66 | 362.29 | 39.8 | 40.2 | 39.9 | 9.31 | 9.32 | 9.08 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 320.82 | 315.55 | 323.79 | 38.7 | 37.7 | 38.5 | 8.29 | 8.37 | 8.41 |
| Durable Goods | 340.16 | 331.58 | 347.31 | 39.6 | 38.2 | 39.2 | 8.59 | 8.68 | 8.86 |
| Nondurable Goods | 309.42 | 305.18 | 310.13 | 38.2 | 37.4 | 38.1 | 8.10 | 8.16 | 8.14 |
| Food & Kindred | 317.56 | 313.15 | 310.06 | 39.4 | 38.9 | 39.1 | 8.06 | 8.05 | 7.93 |
| Printing and Publishing | 264.89 | 263.11 | 254.98 | 31.2 | 31.1 | 30.5 | 8.49 | 8.46 | 8.36 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 318.27 | 300.66 | 302.16 | 38.3 | 36.4 | 36.1 | 8.31 | 8.26 | 8.37 |
| Durable Goods | 295.19 | 265.44 | 300.59 | 37.7 | 33.9 | 35.7 | 7.83 | 7.83 | 8.42 |
| Nondurable Goods | 334.37 | 324.61 | 302.74 | 38.7 | 38.1 | 36.3 | 8.64 | 8.52 | 8.34 |

## LABOR FORCE - BY COUNTY - BY REGION

|  | LABOR FORCE |  |  | EMPLOYMENT |  |  | UNEMPLOYMENT |  |  | RATE |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Feb'88 | Jan'88 | Feb'87 | Feb'88 | Jan'88 | Feb'87 | 2/88 | 1/88 | 2/87 | 2/88 | 1/88 | 2/87 |
| Divide | 1,321 | 1,439 | 1,427 | 1,260 | 1,375 | 1,329 | 61 | 64 | 98 | 4.6% | 4.4% | 6.9% |
| McKenzie | 2,803 | 2,906 | 3,040 | 2,623 | 2,673 | 2,739 | 180 | 233 | 301 | 6.4% | 8.0% | 9.9% |
| Williams | 10,343 | 10,211 | 11,887 | 9,715 | 9,443 | 10,150 | 628 | 768 | 1,737 | 6.1% | 7.5% | 14.6% |
| REGION 1 | 14,467 | 14,556 | 16,354 | 13,598 | 13,491 | 14,218 | 869 | 1,065 | 2,136 | 6.0% | 7.3% | 13.1% |
| Bottineau | 3,513 | 3,578 | 3,608 | 3,214 | 3,264 | 3,317 | 299 | 314 | 291 | 8.5% | 8.8% | 8.1% |
| Burke | 1,313 | 1,270 | 1,435 | 1,244 | 1,209 | 1,293 | 69 | 61 | 142 | 5.3% | 4.8% | 9.9% |
| McHenry | 2,706 | 2,783 | 2,926 | 2,241 | 2,248 | 2,388 | 465 | 535 | 538 | 17.2% | 19.2% | 18.4% |
| Mountrail | 3,136 | 3,251 | 3,375 | 2,843 | 2,911 | 2,983 | 293 | 340 | 392 | 9.3% | 10.5% | 11.6% |
| Pierce | 2,303 | 2,392 | 2,454 | 2,153 | 2,202 | 2,291 | 150 | 190 | 163 | 6.5% | 7.9% | 6.6% |
| Renville | 1,211 | 1,242 | 1,312 | 1,136 | 1,142 | 1,188 | 75 | 100 | 124 | 6.2% | 8.1% | 9.5% |
| Ward | 25,460 | 25,427 | 25,407 | 23,633 | 23,498 | 23,437 | 1,827 | 1,929 | 1,970 | 7.2% | 7.6% | 7.8% |
| REGION 2 | 39,642 | 39,943 | 40,517 | 36,464 | 36,474 | 36,897 | 3,178 | 3,469 | 3,620 | 8.0% | 8.7% | 8.9% |
| Benson | 2,989 | 3,026 | 3,291 | 2,696 | 2,696 | 2,861 | 293 | 330 | 430 | 9.8% | 10.9% | 13.1% |
| Cavalier | 2,612 | 2,564 | 2,702 | 2,368 | 2,346 | 2,419 | 244 | 218 | 283 | 9.3% | 8.5% | 10.5% |
| Eddy | 1,434 | 1,469 | 1,553 | 1,247 | 1,267 | 1,320 | 187 | 202 | 233 | 13.0% | 13.8% | 15.0% |
| Ramsey | 6,300 | 6,556 | 6,548 | 5,851 | 6,074 | 6,022 | 449 | 482 | 526 | 7.1% | 7.4% | 8.0% |
| Rolette | 5,110 | 5,036 | 5,009 | 3,951 | 3,844 | 4,198 | 1,159 | 1,192 | 811 | 22.7% | 23.7% | 16.2% |
| Towner | 1,677 | 1,755 | 1,760 | 1,606 | 1,681 | 1,648 | 71 | 74 | 112 | 4.2% | 4.2% | 6.4% |
| REGION 3 | 20,122 | 20,406 | 20,863 | 17,719 | 17,908 | 18,468 | 2,403 | 2,498 | 2,395 | 11.9% | 12.2% | 11.5% |
| Grand Forks | 36,306 | 36,010 | 35,796 | 34,608 | 34,181 | 34,255 | 1,698 | 1,829 | 1,541 | 4.7% | 5.1% | 4.3% |
| Nelson | 1,932 | 1,962 | 2,053 | 1,726 | 1,732 | 1,839 | 206 | 230 | 214 | 10.7% | 11.7% | 10.4% |
| Pembina | 5,002 | 4,777 | 5,188 | 4,420 | 4,139 | 4,514 | 582 | 638 | 674 | 11.6% | 13.4% | 13.0% |
| Walsh | 7,614 | 7,442 | 7,759 | 7,177 | 6,929 | 7,255 | 437 | 513 | 504 | 5.7% | 6.9% | 6.5% |
| REGION 4 | 50,854 | 50,191 | 50,796 | 47,931 | 46,981 | 47,863 | 2,923 | 3,210 | 2,933 | 5.7% | 6.4% | 5.8% |
| Cass | 59,493 | 59,608 | 58,049 | 57,385 | 57,350 | 55,821 | 2,108 | 2,258 | 2,228 | 3.5% | 3.8% | 3.8% |
| Ransom | 2,624 | 2,645 | 2,661 | 2,508 | 2,511 | 2,561 | 116 | 134 | 100 | 4.4% | 5.1% | 3.8% |
| Richland | 8,483 | 8,650 | 8,596 | 8,144 | 8,223 | 8,136 | 339 | 427 | 460 | 4.0% | 4.9% | 5.4% |
| Sargent | 2,340 | 2,399 | 2,462 | 2,247 | 2,283 | 2,315 | 93 | 116 | 147 | 4.0% | 4.8% | 6.0% |
| Steele | 1,079 | 1,107 | 1,162 | 1,030 | 1,064 | 1,069 | 49 | 43 | 93 | 4.5% | 3.9% | 8.0% |
| Traill | 4,171 | 4,214 | 4,321 | 4,040 | 4,061 | 4,182 | 131 | 153 | 139 | 3.1% | 3.6% | 3.2% |
| REGION 5 | 78,190 | 78,623 | 77,251 | 75,354 | 75,492 | 74,084 | 2,836 | 3,131 | 3,167 | 3.6% | 4.0% | 4.1% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Feb 1988 | Jan 1988 | Feb 1987 | Feb 1988 | Jan 1988 | Feb 1987 | Feb 1988 | Jan 1988 | Feb 1987 | Feb 1988 | Jan 1988 | Feb 1987 |
| Barnes | 6,020 | 6,290 | 6,050 | 5,594 | 5,834 | 5,606 | 426 | 456 | 444 | 7.1% | 7.2% | 7.3% |
| Dickey | 2,949 | 2,994 | 3,210 | 2,769 | 2,758 | 3,008 | 180 | 236 | 202 | 6.1% | 7.9% | 6.3% |
| Foster | 2,056 | 2,057 | 2,125 | 1,920 | 1,892 | 1,967 | 136 | 165 | 158 | 6.6% | 8.0% | 7.4% |
| Griggs | 1,435 | 1,521 | 1,472 | 1,347 | 1,404 | 1,396 | 88 | 117 | 76 | 6.1% | 7.7% | 5.2% |
| La Moure | 2,352 | 2,416 | 2,404 | 2,193 | 2,269 | 2,271 | 159 | 147 | 133 | 6.8% | 6.1% | 5.5% |
| Logan | 1,407 | 1,386 | 1,473 | 1,336 | 1,327 | 1,364 | 71 | 59 | 109 | 5.0% | 4.3% | 7.4% |
| McIntosh | 2,142 | 2,157 | 2,188 | 2,073 | 2,081 | 2,099 | 69 | 76 | 89 | 3.2% | 3.5% | 4.1% |
| Stutsman | 11,938 | 11,953 | 12,173 | 11,222 | 11,205 | 11,339 | 716 | 748 | 834 | 6.0% | 6.3% | 6.9% |
| Wells | 2,858 | 2,874 | 2,901 | 2,569 | 2,556 | 2,618 | 289 | 318 | 283 | 10.1% | 11.1% | 9.8% |
| REGION 6 | 33,157 | 33,648 | 33,996 | 31,023 | 31,326 | 31,668 | 2,134 | 2,322 | 2,328 | 6.4% | 6.9% | 6.8% |
| Burleigh | 32,527 | 32,723 | 32,258 | 30,488 | 30,471 | 30,093 | 2,039 | 2,252 | 2,165 | 6.3% | 6.9% | 6.7% |
| Emmons | 2,094 | 2,154 | 2,202 | 1,918 | 1,949 | 2,007 | 176 | 205 | 195 | 8.4% | 9.5% | 8.9% |
| Grant | 1,754 | 1,822 | 1,858 | 1,665 | 1,712 | 1,750 | 89 | 110 | 108 | 5.1% | 6.0% | 5.8% |
| Kidder | 1,549 | 1,553 | 1,626 | 1,371 | 1,348 | 1,393 | 178 | 205 | 233 | 11.5% | 13.2% | 14.3% |
| McLean | 4,738 | 4,910 | 4,617 | 4,323 | 4,430 | 4,177 | 415 | 480 | 440 | 8.8% | 9.8% | 9.5% |
| Mercer | 5,415 | 5,497 | 5,563 | 4,879 | 4,883 | 5,022 | 536 | 614 | 541 | 9.9% | 11.2% | 9.7% |
| Morton | 12,283 | 12,269 | 12,136 | 11,170 | 11,164 | 11,026 | 1,113 | 1,105 | 1,110 | 9.1% | 9.0% | 9.1% |
| Oliver | 1,149 | 1,029 | 1,047 | 1,053 | 918 | 944 | 96 | 111 | 103 | 8.4% | 10.8% | 9.8% |
| Sheridan | 1,035 | 1,059 | 1,139 | 950 | 961 | 1,031 | 85 | 98 | 108 | 8.2% | 9.3% | 9.5% |
| Sioux | 1,354 | 1,346 | 1,349 | 1,238 | 1,221 | 1,223 | 116 | 125 | 126 | 8.6% | 9.3% | 9.3% |
| REGION 7 | 63,898 | 64,362 | 63,795 | 59,055 | 59,057 | 58,666 | 4,843 | 5,305 | 5,129 | 7.6% | 8.2% | 8.0% |
| Adams | 1,621 | 1,699 | 1,754 | 1,569 | 1,632 | 1,678 | 52 | 67 | 76 | 3.2% | 3.9% | 4.3% |
| Billings | 710 | 720 | 657 | 667 | 684 | 605 | 43 | 36 | 52 | 6.1% | 5.0% | 7.9% |
| Bowman | 2,057 | 2,112 | 2,171 | 1,939 | 1,969 | 2,008 | 118 | 143 | 163 | 5.7% | 6.8% | 7.5% |
| Dunn | 1,625 | 1,618 | 1,802 | 1,447 | 1,417 | 1,561 | 178 | 201 | 241 | 11.0% | 12.4% | 13.4% |
| Gldn Valley | 982 | 1,013 | 1,045 | 941 | 964 | 985 | 41 | 49 | 60 | 4.2% | 4.8% | 5.7% |
| Hettinger | 1,829 | 1,818 | 1,897 | 1,682 | 1,632 | 1,729 | 147 | 186 | 168 | 8.0% | 10.2% | 8.9% |
| Slope | 388 | 436 | 470 | 357 | 377 | 404 | 31 | 59 | 66 | 8.0% | 13.5% | 14.0% |
| Stark | 11,235 | 11,674 | 12,032 | 10,462 | 10,773 | 10,721 | 773 | 901 | 1,311 | 6.9% | 7.7% | 10.9% |
| REGION 8 | 20,447 | 21,090 | 21,828 | 19,064 | 19,448 | 19,691 | 1,383 | 1,642 | 2,137 | 6.8% | 7.8% | 9.8% |
| STATE TOTAL | 320,777 | 322,819 | 325,395 | 300,208 | 300,177 | 301,553 | 20,569 | 22,642 | 23,842 | 6.4% | 7.0% | 7.3% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

|  |  |  |  | Percent Change From |  |
|---|---|---|---|---|---|
|  | February 1988 | January 1988 | February 1987 | January 1988 | February 1987 |
| **UNITED STATES** (In Thousands) |  |  |  |  |  |
| Labor Force | 123,084 | 122,924 | 120,970 | 0.1% | 1.7% |
| Employment | 116,145 | 115,878 | 113,084 | 0.2% | 2.7% |
| Unemployment | 6,939 | 7,046 | 7,886 | -1.5% | -12.0% |
| Unemployment Rate | 5.6% | 5.7% | 6.5% | xxx | xxx |
| **NORTH DAKOTA** |  |  |  |  |  |
| Labor Force | 320,780 | 322,820 | 325,410 | -0.6% | -1.4% |
| Employment | 300,210 | 300,180 | 301,560 | 0.0% | -0.4% |
| Unemployment | 20,570 | 22,640 | 23,850 | -9.1% | -13.8% |
| Unemployment Rate | 6.4% | 7.0% | 7.3% | xxx | xxx |
| **FARGO-MOORHEAD MSA** |  |  |  |  |  |
| Labor Force | 85,040 | 84,950 | 83,110 | 0.1% | 2.3% |
| Employment | 81,440 | 81,180 | 79,180 | 0.3% | 2.9% |
| Unemployment | 3,600 | 3,770 | 3,930 | -4.5% | -8.4% |
| Unemployment Rate | 4.2% | 4.4% | 4.7% | xxx | xxx |
| **GRAND FORKS MSA** |  |  |  |  |  |
| Labor Force | 36,310 | 36,010 | 35,800 | 0.8% | 1.4% |
| Employment | 34,610 | 34,180 | 34,260 | 1.3% | 1.0% |
| Unemployment | 1,700 | 1,830 | 1,540 | -7.1% | 10.4% |
| Unemployment Rate | 4.7% | 5.1% | 4.3% | xxx | xxx |
| **BISMARCK MSA** |  |  |  |  |  |
| Labor Force | 44,810 | 45,000 | 44,400 | -0.4% | 0.9% |
| Employment | 41,660 | 41,640 | 41,120 | 0.0% | 1.3% |
| Unemployment | 3,150 | 3,360 | 3,280 | -6.3% | -4.0% |
| Unemployment Rate | 7.0% | 7.5% | 7.4% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### JANUARY 1988
(In Thousands)

|  | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 322.8 | 343.6 | 2,223.9 | 398.2 |
| Employment | 300.2 | 327.6 | 2,088.3 | 360.5 |
| Unemployment | 22.6 | 16.0 | 135.6 | 37.7 |
| Unemployment Rate | 7.0% | 4.7% | 6.1% | 9.5% |

# NORTH DAKOTA

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## 1987 ANNUAL AVERAGES

| | |
|---|---|
| TOTAL | 252,250 |
| MINING | 4,100 |
| Coal | 1,100 |
| Crude Petroleum & Natural Gas | 2,600 |
| Other Mining | 400 |
| CONSTRUCTION | 10,800 |
| Building Construction | 2,800 |
| Street, Hwy., & Hvy. Constr. | 2,800 |
| Special Trade Construction | 5,200 |
| MANUFACTURING | 15,700 |
| Durable Goods | 6,450 |
| Stone, Clay, & Glass | 650 |
| Primary & Fabricated Metals | 750 |
| Machinery & Trans. Equipment | 3,800 |
| Other Durable Goods | 1,250 |
| Nondurable Goods | 9,250 |
| Food & Kindred Products | 4,550 |
| Dairy Products | 750 |
| Food Specialties and Confectionery Products | 1,850 |
| Bakery Products | 350 |
| Other Food & Kindred Products | 1,600 |
| Printing and Publishing | 2,400 |
| Other Nondurable Goods | 2,300 |
| TRANS., COMM., AND UTILITIES | 16,200 |
| Transportation | 8,200 |
| Trucking & Warehousing | 4,700 |
| Other Transportation | 3,500 |
| Communications | 3,200 |
| Utilities | 4,800 |

| | |
|---|---|
| WHOLESALE TRADE | 19,400 |
| Durable Goods | 9,100 |
| Nondurable Goods | 10,300 |
| RETAIL TRADE | 48,000 |
| General Merchandise | 6,300 |
| Food Stores | 6,600 |
| Automotive Dealers and Service Stations | 6,600 |
| Apparel and Accessory Stores | 2,600 |
| Other Retail | 25,900 |
| FINANCE, INSURANCE, AND REAL ESTATE | 12,550 |
| Finance | 6,900 |
| Banking | 4,200 |
| Other Finance | 2,700 |
| Insurance | 3,800 |
| Real Estate | 1,850 |
| SERVICES | 60,900 |
| Lodging | 4,200 |
| Health Services | 26,200 |
| Nursing, Personal Care and Hospitals | 19,300 |
| Other Health Services | 6,900 |
| Other Services | 30,500 |
| GOVERNMENT | 64,600 |
| Federal | 10,300 |
| State Government | 19,500 |
| Educational Services | 12,400 |
| Other State Government | 7,100 |
| Local Government | 34,800 |
| Educational Services | 16,700 |
| Other Local Government | 18,100 |

# LABOR FORCE

## by County, by Region

## 1987 Annual Averages

| | | Labor Force | Employment | Unemployment | |
|---|---|---|---|---|---|
| | | | | Number | Rate |
| 1. | Divide | 1,524 | 1,466 | 58 | 3.8% |
| | McKenzie | 3,092 | 2,897 | 195 | 6.3% |
| | Williams | 11,465 | 10,447 | 1,018 | 8.9% |
| | REGION I TOTAL | 16,081 | 14,810 | 1,271 | 7.9% |
| 2. | Bottineau | 3,717 | 3,497 | 220 | 5.9% |
| | Burke | 1,435 | 1,331 | 104 | 7.2% |
| | McHenry | 2,834 | 2,499 | 335 | 11.8% |
| | Mountrail | 3,397 | 3,117 | 280 | 8.2% |
| | Pierce | 2,563 | 2,448 | 115 | 4.5% |
| | Renville | 1,329 | 1,242 | 87 | 6.5% |
| | Ward | 25,781 | 24,385 | 1,396 | 5.4% |
| | REGION II TOTAL | 41,056 | 38,519 | 2,537 | 6.2% |
| 3. | Benson | 3,270 | 2,963 | 307 | 9.4% |
| | Cavalier | 2,754 | 2,577 | 177 | 6.4% |
| | Eddy | 1,522 | 1,367 | 155 | 10.2% |
| | Ramsey | 6,709 | 6,359 | 350 | 5.2% |
| | Rolette | 4,966 | 4,238 | 728 | 14.7% |
| | Towner | 1,827 | 1,762 | 65 | 3.6% |
| | REGION III TOTAL | 21,048 | 19,266 | 1,782 | 8.5% |
| 4. | Grand Forks | 36,587 | 35,233 | 1,354 | 3.7% |
| | Nelson | 2,023 | 1,894 | 129 | 6.4% |
| | Pembina | 5,162 | 4,691 | 471 | 9.1% |
| | Walsh | 7,941 | 7,550 | 391 | 4.9% |
| | REGION IV TOTAL | 51,713 | 49,368 | 2,345 | 4.5% |

# LABOR FORCE

## by County, by Region

## 1987 Annual Averages

| | | Labor Force | Employment | Unemployment | |
|---|---|---|---|---|---|
| | | | | Number | Rate |
| 5. | Cass | 59,516 | 57,698 | 1,818 | 3.1% |
| | Ranson | 2,761 | 2,666 | 95 | 3.4% |
| | Richland | 8,794 | 8,411 | 383 | 4.4% |
| | Sargent | 2,538 | 2,442 | 96 | 3.8% |
| | Steele | 1,200 | 1,150 | 50 | 4.2% |
| | Traill | 4,486 | 4,302 | 184 | 4.1% |
| | REGION V TOTAL | 79,295 | 76,669 | 2,626 | 3.3% |
| 6. | BARNES | 6,311 | 6,052 | 259 | 4.1% |
| | DICKEY | 3,253 | 3,107 | 146 | 4.5% |
| | FOSTER | 2,178 | 2,068 | 110 | 5.1% |
| | GRIGGS | 1,545 | 1,503 | 42 | 2.7% |
| | LA MOURE | 2,506 | 2,413 | 93 | 3.7% |
| | LOGAN | 1,487 | 1,438 | 49 | 3.3% |
| | MCINTOSH | 2,283 | 2,218 | 65 | 2.8% |
| | STUTSMAN | 12,353 | 11,791 | 562 | 4.5% |
| | WELLS | 2,976 | 2,786 | 190 | 6.4% |
| | REGION VI TOTAL | 34,892 | 33,376 | 1,516 | 4.3% |
| 7. | BURLEIGH | 32,761 | 31,180 | 1,581 | 4.8% |
| | EMMONS | 2,259 | 2,135 | 124 | 5.5% |
| | GRANT | 1,964 | 1,870 | 94 | 4.8% |
| | KIDDER | 1,604 | 1,467 | 137 | 8.5% |
| | MCLEAN | 4,836 | 4,537 | 299 | 6.2% |
| | MERCER | 5,578 | 5,177 | 401 | 7.2% |
| | MORTON | 12,119 | 11,424 | 695 | 5.7% |
| | OLIVER | 1,094 | 1,024 | 70 | 6.4% |
| | SHERIDAN | 1,168 | 1,098 | 70 | 6.0% |
| | SIOUX | 1,401 | 1,258 | 143 | 10.2% |
| | REGION VII TOTAL | 64,784 | 61,170 | 3,614 | 5.6% |
| 8. | ADAMS | 1,800 | 1,744 | 56 | 3.1% |
| | BILLINGS | 842 | 809 | 33 | 3.9% |
| | BOWMAN | 2,199 | 2,110 | 89 | 4.0% |
| | DUNN | 1,766 | 1,596 | 170 | 9.6% |
| | GOLDEN VALLEY | 1,071 | 1,034 | 37 | 3.5% |
| | HETTINGER | 1,919 | 1,813 | 106 | 5.5% |
| | SLOPE | 477 | 435 | 42 | 8.8% |
| | STARK | 12,062 | 11,282 | 780 | 6.5% |
| | REGION VIII TOTAL | 22,136 | 20,823 | 1,313 | 5.9% |
| | STATE TOTAL | 331,000 | 314,000 | 17,000 | 5.2% |

## 1987

## ANNUAL AVERAGES

### LABOR FORCE

| | | METROPOLITAN STATISTICAL AREAS | | |
|---|---|---|---|---|
| | NORTH DAKOTA | FARGO-MOORHEAD | GRAND FORKS | BISMARCK |
| Labor Force | 331,000 | 84,790 | 36,590 | 44,890 |
| Employment | 314,000 | 81,700 | 35,230 | 42,610 |
| Unemployment | 17,000 | 3,090 | 1,360 | 2,280 |
| Unemployment Rate | 5.2% | 3.6% | 3.7% | 5.1% |

### EMPLOYMENT BY INDUSTRY

| | METROPOLITAN STATISTICAL AREAS | | |
|---|---|---|---|
| | FARGO-MOORHEAD | GRAND FORKS | BISMARCK |
| Nonagricultural Wage and Salary Employment | 70,600 | 29,750 | 36,600 |
| Mining and Construction | 3,400 | 1,650 | - - |
| Mining | - - | - - | 200 |
| Construction | - - | - - | 1,600 |
| Manufacturing | 4,900 | 1,600 | 1,950 |
| Durable Goods | 2,100 | - - | - - |
| Nondurable Goods | 2,800 | - - | - - |
| Transportation, Communications and Utilities | 4,500 | 1,550 | 2,600 |
| Trade | 20,900 | 8,300 | 9,800 |
| Wholesale | 6,600 | 1,500 | 2,200 |
| Retail | 14,300 | 6,800 | 7,600 |
| Finance, Insur. & Real Estate | 4,400 | 1,150 | 1,650 |
| Services | 18,700 | 6,600 | 10,400 |
| Government | 13,800 | 8,900 | 8,400 |
| Federal | 2,200 | - - | - - |
| State and Local | 11,600 | - - | - - |

### MANUFACTURING HOURS AND EARNINGS

| | AVERAGE | | |
|---|---|---|---|
| | WEEKLY EARNINGS | WEEKLY HOURS | HOURLY EARNING |
| NORTH DAKOTA | | | |
| Manufacturing | 325.40 | 38.6 | 8.43 |
| Durable Goods | 352.55 | 40.2 | 8.77 |
| Nondurable Goods | 307.94 | 37.6 | 8.19 |
| Food and Kindred Products | 310.57 | 38.2 | 8.13 |
| Printing and Publishing | 259.78 | 31.0 | 8.38 |
| FARGO-MOORHEAD MSA | | | |
| Manufacturing | 320.35 | 37.6 | 8.52 |
| Durable Goods | 328.56 | 38.7 | 8.49 |
| Nondurable Goods | 313.79 | 36.7 | 8.55 |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

DEVILS LAKE
301 College Drive
Phone: 662-2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street S
Phone: 237-7113

GRAND FORKS
2016 S Washington
Phone: 777-3711

GRAFTON
728 Hill Avenue S
Phone: 352-2202

JAMESTOWN
429 Second Street SW
Phone: 251-2256

MANDAN
501 First Street NW
Phone: 663-6461

MINOT
3416 N Broadway
Phone: 852-2164

VALLEY CITY
2425 W Main
Phone: 845-7261

WAHPETON
524 Second Avenue N
Phone: 671-2711

WILLISTON
422 First Avenue W
Phone: 572-7771

BEULAH
119 E Main
Phone: 873-5607

ROLLA
103 E Main
Phone: 477-5631

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here ________ and return this page to the above address.

5/11/88

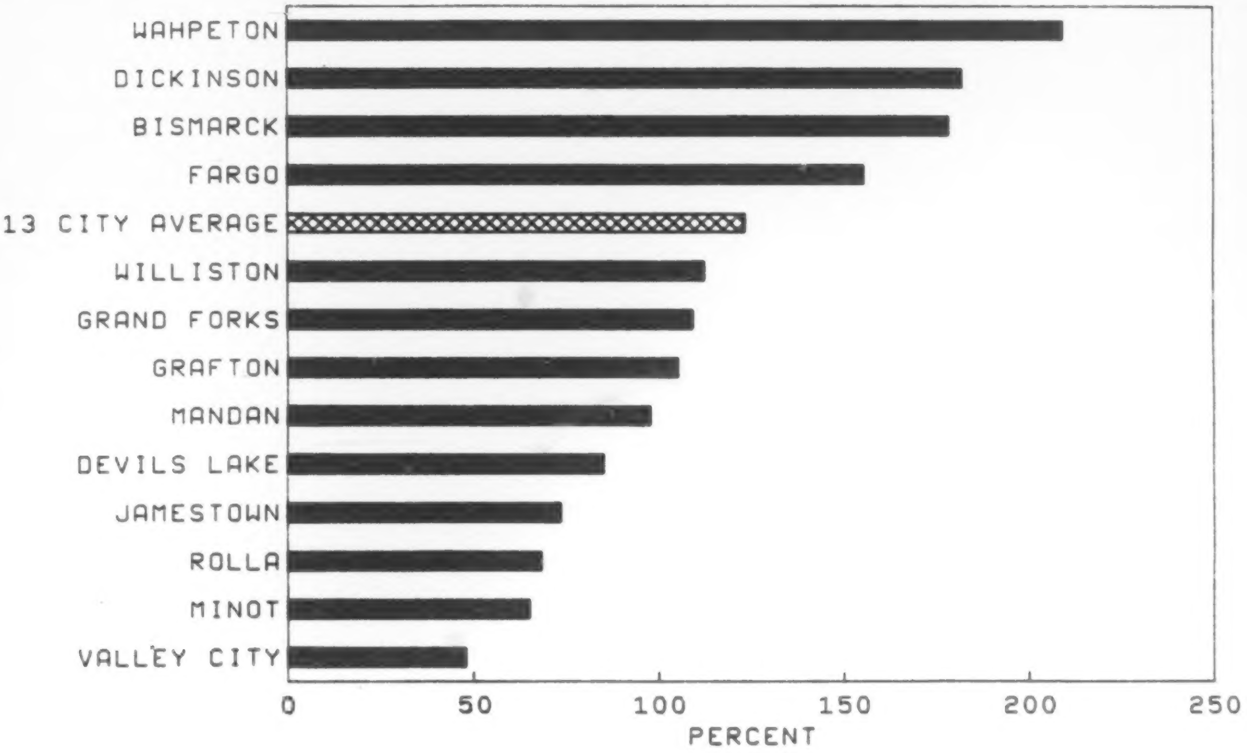
S 6140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

MARCH 1988

VOLUME 4, NUMBER 3

## EMPLOYMENT GROWTH OVER THE PAST 25 YEARS



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

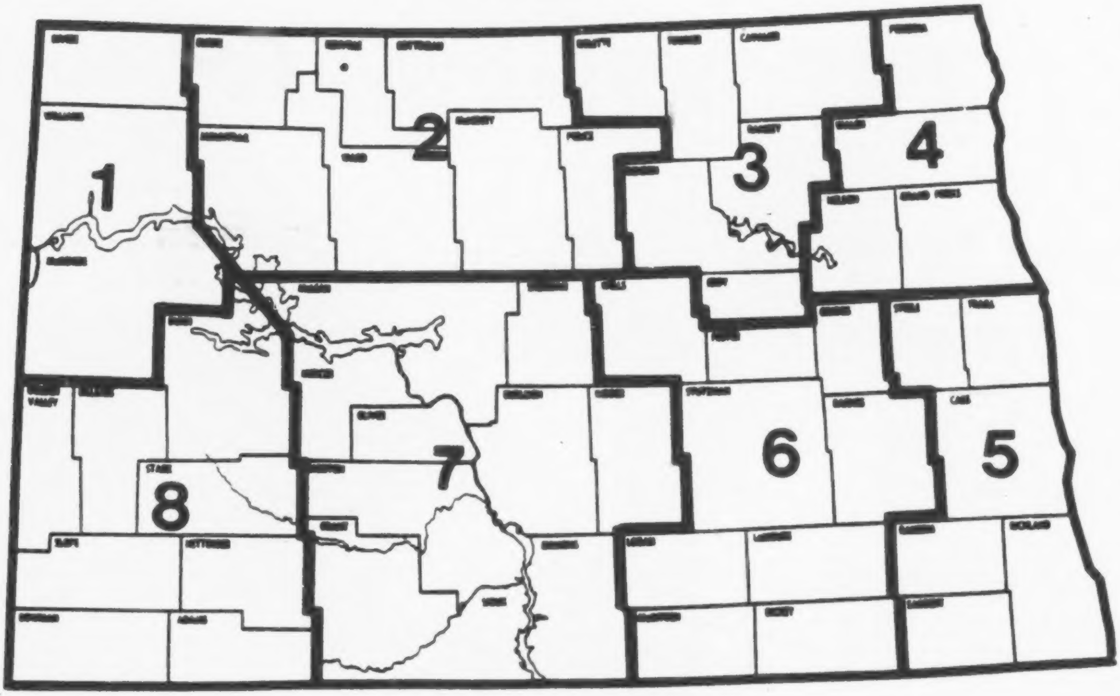
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# EMPLOYMENT IN NORTH DAKOTA CITIES

## *A 25-YEAR COMPARISON*

North Dakota will soon enter its centennial year. For many people this will be a time of reflection--a chance to look back and see how much things have changed. Labor market analysts being no different, we began dusting off old statistics to see what we could find out about North Dakota's past.

While we couldn't make any 100-year comparisons of North Dakota's employment statistics by using community employment surveys, we were able to go back 25 years. (Job Service North Dakota, in cooperation with local chambers of commerce, has conducted community employment surveys every two years in each of North Dakota's largest cities since the late 1950s.) By comparing the most recent survey for each city (1986 or 1987) with the corresponding survey for that city in 1961 or 1962, we found some interesting trends in employment. Here are some highlights.

Of the 13 cities for which surveys could be compared, 7 more than doubled their wage and salary employment over the past 25 years. The average percentage increase for the 13 cities was 123 percent.

As might be expected, the largest numeric growth in employment was in North Dakota's largest cities. Fargo added about 29,900 employees, Bismarck 18,100, Grand Forks 14,000, and Minot 7,400.

When comparing the percentage growth in employment, however, a different group of cities come to the top of the list. Employment in Wahpeton more than tripled over the 25 years. Led by a huge increase in the manufacturing industry, Wahpeton's employment rose from 1,635 in 1962 to 5,053 in 1987--209 percent. Dickinson showed the second largest growth rate--182 percent; followed by Bismarck with 178 percent, and Fargo with 155 percent. Three other cities also more than doubled their employment during the past quarter century: Williston had an 112 percent increase, Grand Forks 109 percent, and Grafton 105 percent. The percent of increase for the remaining surveyed cities were: Mandan 98, Devils Lake 85, Jamestown 74, Rolla 69, Minot 65, and Valley City 48.

For five of the cities, their current employment is not their all-time high. Employment in Williston and Dickinson has mirrored the rise and fall of the oil industry. The highest surveyed employment in Williston was 10,328 in 1982--that's 3,661 above its current total. Dickinson is down 1,281 from its highest surveyed level--9,586 in 1980. Jamestown and Mandan reached their peak employment levels in the 1982 and 1985 surveys, respectively, but have declined since, due in part to cutbacks in their railroad transportation industries. Additionally, Valley City reached its high-water mark in the 1979 survey.

Although only four of the surveyed cities had employment in the mining industry, all four had substantial increases. The oil patch cities of Dickinson and Williston posted gains of 553 and 312 percent, while Minot and Bismarck had gains of 145 and 52 percent, respectively.

Of the 13 surveyed cities, 9 had employment increases in the construction industry over the past 25 years. Fargo had the largest increase--124 percent, and Bismarck had a 104 percent increase. On the negative side, Minot had the largest decrease--54 percent, with Jamestown, Rolla, and Grafton also losing employment in construction.

The largest increase of any one industry in a particular city was in Wahpeton's manufacturing industry. With the addition of some large manufacturing firms, employment jumped from 97 in 1962 to 1,607 in 1987, an increase of 1,557 percent. Manufacturing growth in the remaining cities ranged from an increase of 443 percent in Jamestown to a decrease of 33 percent in Grafton. In all, eight cities posted increases and five posted decreases in manufacturing.

The 13-city total for the transportation, communication, and public utilities industry showed the smallest increase of any industry--only 18 percent. Individually, seven cities gained and six cities lost employment. Rolla, starting from a small base-year employment in 1961, had an increase of 358 percent, while Bismarck was up 172 percent. Valley City and Minot had the largest declines, 44 percent and 31 percent, respectively.

Employment rose in every city's trade industry, with four cities more than doubling employment. Bismarck was up 194 percent, followed by Dickinson with 159 percent, Grand Forks with 136 percent, and Fargo with 128 percent. On the low end, Rolla was up 52 percent and Valley City 49 percent.

The finance, insurance, and real estate industry showed consistent growth in all the surveyed cities. The percentages of increase ranged from highs of 207 and 193 percent in Williston and Dickinson to lows of 80 and 78 percent in Grand Forks and Grafton.

The 13-city total for employment in the services industry more than tripled during the 25-year period. Individually, the largest growth was noted in the cities of Bismarck--292 percent, Mandan--268 percent, and Fargo--255 percent. Valley City, with a 93 percent gain, was the only city with less than a 100 percent increase.

Employment rose in each city's government industry, with three cities more than tripling their employment. Dickinson was up 299 percent, Grafton 225 percent, and Fargo 201 percent. On the low end, Valley City was up 65 percent and Jamestown 61 percent.

Such data items as female employment, number of businesses, average firm size, etc. were also compared over the 25 years, and will be the topics of articles in subsequent Labor Market Advisors. The table on the following page shows the employment change during the past 25 years for each of the surveyed cities.

**Duane Broschat**
**Research Analyst**

## COMPARISON OF EMPLOYMENT BY CITY

| | BISMARCK | | | DEVILS LAKE | | | DICKINSON | | |
|---|---|---|---|---|---|---|---|---|---|
| INDUSTRY | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE |
| CONSTRUCTION | 575 | 1,173 | 104.0% | 104 | 169 | 62.5% | 191 | 310 | 62.3% |
| MANUFACTURING | 604 | 1,164 | 92.7% | 88 | 161 | 83.0% | 255 | 483 | 89.4% |
| TRANS, COMM, & UTIL | 718 | 1,955 | 172.3% | 221 | 174 | -21.3% | 308 | 535 | 73.7% |
| TRADE | 2,558 | 7,516 | 193.8% | 920 | 1,461 | 58.8% | 908 | 2,355 | 159.4% |
| FINAN, INS, & REAL EST | 575 | 1,255 | 118.3% | 75 | 173 | 130.7% | 114 | 334 | 193.0% |
| SERVICES | 2,165 | 8,481 | 291.7% | 486 | 1,164 | 139.5% | 676 | 2,187 | 223.5% |
| GOVERNMENT | 2,907 | 6,656 | 129.0% | 460 | 1,061 | 130.7% | 446 | 1,781 | 299.3% |
| MINING | 79 | 120 | 51.9% | | | | 49 | 320 | 553.1% |
| TOTAL | 10,181 | 28,320 | 178.2% | 2,354 | 4,363 | 85.3% | 2,947 | 8,305 | 181.8% |

| | FARGO | | | GRAFTON | | | GRAND FORKS | | |
|---|---|---|---|---|---|---|---|---|---|
| INDUSTRY | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE |
| CONSTRUCTION | 1,248 | 2,797 | 124.1% | 100 | 92 | -8.0% | 1,181 | 1,632 | 38.2% |
| MANUFACTURING | 1,492 | 3,750 | 151.3% | 190 | 128 | -32.6% | 1,010 | 1,581 | 56.5% |
| TRANS, COMM, & UTIL | 2,196 | 2,936 | 33.7% | 116 | 135 | 16.4% | 1,519 | 1,462 | -3.8% |
| TRADE | 6,459 | 14,694 | 127.5% | 452 | 727 | 60.8% | 3,211 | 7,574 | 135.9% |
| FINAN, INS, & REAL EST | 1,465 | 3,653 | 149.4% | 77 | 137 | 77.9% | 563 | 1,014 | 80.1% |
| SERVICES | 3,790 | 13,449 | 254.9% | 201 | 579 | 188.1% | 2,211 | 6,279 | 184.0% |
| GOVERNMENT | 2,627 | 7,907 | 201.0% | 445 | 1,446 | 224.9% | 3,122 | 7,276 | 133.1% |
| MINING | | | | | | | | | |
| TOTAL | 19,277 | 49,186 | 155.2% | 1,581 | 3,244 | 105.2% | 12,817 | 26,818 | 109.2% |

| | JAMESTOWN | | | MANDAN | | | MINOT | | |
|---|---|---|---|---|---|---|---|---|---|
| INDUSTRY | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE |
| CONSTRUCTION | 439 | 242 | -44.9% | 276 | 415 | 50.4% | 1,485 | 679 | -54.3% |
| MANUFACTURING | 160 | 868 | 442.5% | 529 | 735 | 38.9% | 774 | 767 | -0.9% |
| TRANS, COMM, & UTIL | 546 | 498 | -8.8% | 484 | 495 | 2.3% | 1,719 | 1,179 | -31.4% |
| TRADE | 1,195 | 1,935 | 61.9% | 702 | 1,391 | 98.1% | 3,197 | 6,089 | 90.5% |
| FINAN, INS, & REAL EST | 173 | 348 | 101.2% | 72 | 186 | 158.3% | 448 | 983 | 119.4% |
| SERVICES | 942 | 2,254 | 139.3% | 397 | 1,460 | 267.8% | 1,940 | 4,905 | 152.8% |
| GOVERNMENT | 1,103 | 1,770 | 60.5% | 293 | 767 | 161.8% | 1,692 | 3,969 | 134.6% |
| MINING | | | | | | | 47 | 115 | 144.7% |
| TOTAL | 4,558 | 7,915 | 73.7% | 2,753 | 5,449 | 97.9% | 11,302 | 18,686 | 65.3% |

| | ROLLA | | | VALLEY CITY | | | WAHPETON | | |
|---|---|---|---|---|---|---|---|---|---|
| INDUSTRY | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE |
| CONSTRUCTION | 33 | 21 | -36.4% | 148 | 156 | 5.4% | 148 | 199 | 34.5% |
| MANUFACTURING | 167 | 150 | -10.2% | 199 | 147 | -26.1% | 97 | 1,607 | 1,556.7% |
| TRANS, COMM, & UTIL | 12 | 55 | 358.3% | 162 | 91 | -43.8% | 129 | 164 | 27.1% |
| TRADE | 175 | 266 | 52.0% | 753 | 1,120 | 48.7% | 486 | 964 | 98.4% |
| FINAN, INS, & REAL EST | 14 | 32 | 128.6% | 66 | 154 | 133.3% | 64 | 138 | 115.6% |
| SERVICES | 97 | 273 | 181.4% | 466 | 897 | 92.5% | 235 | 739 | 214.5% |
| GOVERNMENT | 93 | 199 | 114.0% | 535 | 885 | 65.4% | 476 | 1,242 | 160.9% |
| MINING | | | | | | | | | |
| TOTAL | 591 | 996 | 68.5% | 2,329 | 3,450 | 48.1% | 1,635 | 5,053 | 209.1% |

| | WILLISTON | | | TOTAL | | |
|---|---|---|---|---|---|---|
| INDUSTRY | 1961-62 | 1986-87 | CHANGE | 1961-62 | 1986-87 | CHANGE |
| CONSTRUCTION | 138 | 227 | 64.5% | 6,066 | 8,112 | 33.7% |
| MANUFACTURING | 265 | 257 | -3.0% | 5,830 | 11,798 | 102.4% |
| TRANS, COMM, & UTIL | 357 | 324 | -9.2% | 8,487 | 10,003 | 17.9% |
| TRADE | 1,017 | 1,941 | 90.9% | 22,033 | 48,033 | 118.0% |
| FINAN, INS, & REAL EST | 121 | 372 | 207.4% | 3,827 | 8,779 | 129.4% |
| SERVICES | 580 | 1,825 | 214.7% | 14,186 | 44,492 | 213.6% |
| GOVERNMENT | 524 | 1,153 | 120.0% | 14,723 | 36,112 | 145.3% |
| MINING | 138 | 568 | 311.6% | 313 | 1,123 | 258.8% |
| TOTAL | 3,140 | 6,667 | 112.3% | 75,465 | 168,452 | 123.2% |

## NORTH DAKOTA

(ROUNDED TO FIFTY)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | MAR 1988 | FEB 1988 | MAR 1987 | FEB 1988 | MAR 1987 |
| TOTAL | 250,450 | 248,900 | 245,550 | 0.6% | 2.0% |
| MINING | 4,200 | 4,050 | 3,500 | 3.7% | 20.0% |
| COAL | 1,050 | 1,050 | 1,100 | 0.0% | -4.5% |
| CRUDE PET. & NAT. GAS | 2,900 | 2,800 | 2,200 | 3.6% | 31.8% |
| OTHER MINING | 250 | 200 | 200 | 25.0% | 25.0% |
| CONSTRUCTION | 7,500 | 7,250 | 7,600 | 3.4% | -1.3% |
| BUILDING CONSTRUCTION | 2,100 | 2,100 | 2,000 | 0.0% | 5.0% |
| STREET HIGHWAY & HEAVY | 1,300 | 1,150 | 1,400 | 13.0% | -7.1% |
| SPECIAL TRADE CONSTRUCTION | 4,100 | 4,000 | 4,200 | 2.5% | -2.4% |
| MANUFACTURING | 16,150 | 16,100 | 15,350 | 0.3% | 5.2% |
| DURABLE GOODS | 6,650 | 6,500 | 6,200 | 2.3% | 7.3% |
| STONE, CLAY & GLASS | 400 | 400 | 500 | 0.0% | -20.0% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 4,000 | 3,900 | 3,800 | 2.6% | 5.3% |
| OTHER DURABLE GOODS | 1,450 | 1,400 | 1,200 | 3.6% | 20.8% |
| NONDURABLE GOODS | 9,500 | 9,600 | 9,150 | -1.0% | 3.8% |
| FOOD & KINDRED PRODUCTS | 4,700 | 4,800 | 4,750 | -2.1% | -1.1% |
| DAIRY PRODUCTS | 750 | 750 | 700 | 0.0% | 7.1% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,900 | 1,950 | 2,100 | -2.6% | -9.5% |
| BAKERY PRODUCTS | 350 | 350 | 350 | 0.0% | 0.0% |
| OTHER FOOD & KINDRED | 1,700 | 1,750 | 1,600 | -2.9% | 6.3% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,300 | 0.0% | 4.3% |
| OTHER NONDURABLE GOODS | 2,400 | 2,400 | 2,100 | 0.0% | 14.3% |
| TRANS. COMM. & UTILITIES | 16,000 | 16,000 | 15,900 | 0.0% | 0.6% |
| TRANSPORTATION | 8,100 | 8,100 | 8,000 | 0.0% | 1.3% |
| TRUCKING & WAREHOUSE | 4,600 | 4,600 | 4,500 | 0.0% | 2.2% |
| OTHER TRANSPORTATION | 3,500 | 3,500 | 3,500 | 0.0% | 0.0% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,700 | 4,700 | 4,700 | 0.0% | 0.0% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| INDUSTRIES | MAR 1988 | FEB 1988 | MAR 1987 | FEB 1988 | MAR 1987 |
| WHOLESALE TRADE | 19,200 | 19,000 | 19,000 | 1.1% | 1.1% |
| DURABLE GOODS | 9,100 | 9,000 | 8,900 | 1.1% | 2.2% |
| NONDURABLE GOODS | 10,100 | 10,000 | 10,100 | 1.0% | 0.0% |
| RETAIL TRADE | 47,400 | 47,000 | 46,200 | 0.9% | 2.6% |
| GENERAL MERCHANDISE | 6,300 | 6,300 | 6,000 | 0.0% | 5.0% |
| FOOD STORES | 6,600 | 6,600 | 6,500 | 0.0% | 1.5% |
| AUTO DEALERS & SERVICE ST. | 6,400 | 6,400 | 6,400 | 0.0% | 0.0% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,500 | 0.0% | 4.0% |
| OTHER RETAIL | 25,500 | 25,100 | 24,800 | 1.6% | 2.8% |
| FINANCE, INS. & REAL ESTATE | 12,200 | 12,200 | 12,400 | 0.0% | -1.6% |
| FINANCE | 6,700 | 6,700 | 6,800 | 0.0% | -1.5% |
| BANKING | 4,200 | 4,200 | 4,100 | 0.0% | 2.4% |
| OTHER FINANCE | 2,500 | 2,500 | 2,700 | 0.0% | -7.4% |
| INSURANCE | 3,800 | 3,800 | 3,800 | 0.0% | 0.0% |
| REAL ESTATE | 1,700 | 1,700 | 1,800 | 0.0% | -5.6% |
| SERVICES | 61,900 | 61,500 | 59,700 | 0.7% | 3.7% |
| LODGING | 4,100 | 4,100 | 4,000 | 0.0% | 2.5% |
| HEALTH SERVICES | 26,500 | 26,400 | 25,800 | 0.4% | 2.7% |
| NURSING CARE & HOSPITALS | 19,500 | 19,400 | 19,000 | 0.5% | 2.6% |
| OTHER MEDICAL SERVICES | 7,000 | 7,000 | 6,800 | 0.0% | 2.9% |
| OTHER SERVICES | 31,300 | 31,000 | 29,900 | 1.0% | 4.7% |
| GOVERNMENT | 65,900 | 65,800 | 65,900 | 0.2% | 0.0% |
| FEDERAL | 10,300 | 10,300 | 10,000 | 0.0% | 3.0% |
| STATE GOVERNMENT | 20,000 | 19,900 | 20,500 | 0.5% | -2.4% |
| EDUCATIONAL SERVICES | 13,300 | 13,300 | 13,500 | 0.0% | -1.5% |
| OTHER STATE GOVERNMENT | 6,700 | 6,600 | 7,000 | 1.5% | -4.3% |
| LOCAL GOVERNMENT | 35,600 | 35,600 | 35,400 | 0.0% | 0.6% |
| EDUCATIONAL SERVICES | 18,200 | 18,100 | 18,000 | 0.6% | 1.1% |
| OTHER LOCAL GOVERNMENT | 17,400 | 17,500 | 17,400 | -0.6% | 0.0% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | MAR 1988 | FEB 1988 | MAR 1987 | FEB 1988 | MAR 1987 |
| TOTAL | 72,150 | 71,700 | 69,250 | 0.6% | 4.2% |
| MINING CONSTRUCTION | 2,700 | 2,600 | 2,500 | 3.8% | 8.0% |
| MANUFACTURING | 4,850 | 4,800 | 4,750 | 1.0% | 2.1% |
| DURABLE GOODS | 2,000 | 1,950 | 1,900 | 2.6% | 5.3% |
| NONDURABLE GOODS | 2,850 | 2,850 | 2,850 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 4,800 | 4,700 | 4,400 | 2.1% | 9.1% |
| TRADE | 20,700 | 20,600 | 20,200 | 0.5% | 2.5% |
| WHOLESALE TRADE | 6,500 | 6,500 | 6,500 | 0.0% | 0.0% |
| RETAIL TRADE | 14,200 | 14,100 | 13,700 | 0.7% | 3.6% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,600 | 4,400 | 0.0% | 4.5% |
| SERVICES | 19,700 | 19,500 | 18,600 | 1.0% | 5.9% |
| GOVERNMENT | 14,800 | 14,900 | 14,400 | -0.7% | 2.8% |
| FEDERAL | 2,200 | 2,200 | 2,200 | 0.0% | 0.0% |
| STATE & LOCAL | 12,600 | 12,700 | 12,200 | -0.8% | 3.3% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 30,050 | 29,800 | 29,500 | 0.8% | 1.9% |
| MINING & CONSTRUCTION | 1,000 | 1,000 | 1,150 | 0.0% | -13.0% |
| MANUFACTURING | 1,800 | 1,800 | 1,650 | 0.0% | 9.1% |
| TRANS., COMM. & UTILITIES | 1,550 | 1,550 | 1,550 | 0.0% | 0.0% |
| TRADE | 8,100 | 8,100 | 8,050 | 0.0% | 0.6% |
| WHOLESALE TRADE | 1,500 | 1,500 | 1,450 | 0.0% | 3.4% |
| RETAIL TRADE | 6,600 | 6,600 | 6,600 | 0.0% | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,100 | 1,150 | 1,100 | -4.3% | 0.0% |
| SERVICES | 6,900 | 6,800 | 6,500 | 1.5% | 6.2% |
| GOVERNMENT | 9,600 | 9,400 | 9,500 | 2.1% | 1.1% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 36,500 | 36,200 | 35,900 | 0.8% | 1.7% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,150 | 1,100 | 1,200 | 4.5% | -4.2% |
| MANUFACTURING | 1,900 | 1,900 | 1,850 | 0.0% | 2.7% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,600 | 9,600 | 9,400 | 0.0% | 2.1% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,100 | 0.0% | 0.0% |
| RETAIL TRADE | 7,500 | 7,500 | 7,300 | 0.0% | 2.7% |
| FINANCE, INS. & REAL ESTATE | 1,650 | 1,600 | 1,650 | 3.1% | 0.0% |
| SERVICES | 10,800 | 10,600 | 10,500 | 1.9% | 2.9% |
| GOVERNMENT | 8,500 | 8,500 | 8,500 | 0.0% | 0.0% |

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

(1982-84=100)

| | Annual Average 1987 | March 1988 | February 1988 | March 1987 | Percent Change From Feb 1988 | Percent Change From March 1987 |
|---|---|---|---|---|---|---|
| All Items | 113.6 | 116.5 | 116.0 | 112.1 | 0.4% | 3.9% |
| Food & Beverage | 113.5 | 116.0 | 115.8 | 112.5 | 0.2% | 3.1% |
| Housing | 114.2 | 117.0 | 116.6 | 112.8 | 0.3% | 3.7% |
| Apparel & Upkeep | 110.6 | 114.3 | 110.2 | 109.7 | 3.7% | 4.2% |
| Transportation | 105.4 | 106.5 | 106.8 | 103.3 | -0.3% | 3.1% |
| Medical Care | 130.1 | 136.3 | 135.5 | 128.1 | 0.6% | 6.4% |
| Entertainment | 115.3 | 119.0 | 118.3 | 113.9 | 0.6% | 4.5% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1987 | March 1988 | February 1988 | March 1987 | Percent Change From Feb 1988 | Percent Change From March 1987 |
|---|---|---|---|---|---|---|
| All Commodities | 102.8 | 104.9 | 104.6 | 101.2 | 0.3% | 3.7% |
| Farm Products & Processed Food and Feeds | 103.7 | 105.7 | 105.2 | 101.3 | 0.5% | 4.3% |
| Industrial Commodities | 102.6 | 104.7 | 104.4 | 101.1 | 0.3% | 3.6% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 412.27 | 409.44 | 402.87 | 40.9 | 40.7 | 40.9 | 10.08 | 10.06 | 9.85 |
| Durable Goods | 442.21 | 438.19 | 432.22 | 41.6 | 41.3 | 41.6 | 10.63 | 10.61 | 10.39 |
| Nondurable Goods | 372.40 | 370.67 | 363.60 | 40.0 | 39.9 | 40.0 | 9.31 | 9.29 | 9.09 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 317.82 | 319.22 | 332.14 | 38.2 | 38.6 | 39.4 | 8.32 | 8.27 | 8.43 |
| Durable Goods | 336.73 | 335.62 | 362.97 | 39.2 | 39.3 | 41.2 | 8.59 | 8.54 | 8.81 |
| Nondurable Goods | 304.50 | 309.42 | 312.91 | 37.5 | 38.2 | 38.3 | 8.12 | 8.10 | 8.17 |
| Food & Kindred | 314.20 | 321.58 | 318.80 | 38.6 | 39.8 | 40.0 | 8.14 | 8.08 | 7.97 |
| Printing and Publishing | 261.41 | 260.49 | 254.90 | 30.9 | 30.9 | 30.6 | 8.46 | 8.43 | 8.33 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 314.57 | 316.54 | 304.98 | 37.9 | 38.0 | 36.7 | 8.30 | 8.33 | 8.31 |
| Durable Goods | 297.00 | 294.81 | 307.56 | 37.5 | 37.7 | 37.1 | 7.92 | 7.82 | 8.29 |
| Nondurable Goods | 326.99 | 331.58 | 304.05 | 38.2 | 38.2 | 36.5 | 8.56 | 8.68 | 8.33 |

## LABOR FORCE - BY COUNTY - BY REGION

|  | LABOR FORCE |  |  | EMPLOYMENT |  |  | UNEMPLOYMENT |  |  | RATE |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 |
| Divide | 1,316 | 1,320 | 1,406 | 1,261 | 1,259 | 1,329 | 55 | 61 | 77 | 4.2% | 4.6% | 5.5% |
| McKenzie | 2,756 | 2,801 | 2,974 | 2,588 | 2,621 | 2,708 | 168 | 180 | 266 | 6.1% | 6.4% | 8.9% |
| Williams | 10,330 | 10,343 | 11,674 | 9,698 | 9,710 | 10,137 | 632 | 633 | 1,537 | 6.1% | 6.1% | 13.2% |
| REGION 1 | 14,402 | 14,464 | 16,054 | 13,547 | 13,590 | 14,174 | 855 | 874 | 1,880 | 5.9% | 6.0% | 11.7% |
| Bottineau | 3,442 | 3,511 | 3,616 | 3,202 | 3,212 | 3,304 | 240 | 299 | 312 | 7.0% | 8.5% | 8.6% |
| Burke | 1,302 | 1,310 | 1,452 | 1,238 | 1,241 | 1,291 | 64 | 69 | 161 | 4.9% | 5.3% | 11.1% |
| McHenry | 2,645 | 2,707 | 2,914 | 2,234 | 2,240 | 2,376 | 411 | 467 | 538 | 15.5% | 17.3% | 18.5% |
| Mountrail | 3,107 | 3,135 | 3,355 | 2,853 | 2,841 | 2,996 | 254 | 294 | 359 | 8.2% | 9.4% | 10.7% |
| Pierce | 2,269 | 2,300 | 2,459 | 2,159 | 2,150 | 2,291 | 110 | 150 | 168 | 4.8% | 6.5% | 6.8% |
| Renville | 1,217 | 1,211 | 1,325 | 1,143 | 1,135 | 1,195 | 74 | 76 | 130 | 6.1% | 6.3% | 9.8% |
| Ward | 25,218 | 25,467 | 25,253 | 23,613 | 23,626 | 23,410 | 1,605 | 1,841 | 1,843 | 6.4% | 7.2% | 7.3% |
| REGION 2 | 39,200 | 39,641 | 40,374 | 36,442 | 36,445 | 36,863 | 2,758 | 3,196 | 3,511 | 7.0% | 8.1% | 8.7% |
| Benson | 2,904 | 2,987 | 3,284 | 2,664 | 2,695 | 2,832 | 240 | 292 | 452 | 8.3% | 9.8% | 13.8% |
| Cavalier | 2,598 | 2,612 | 2,715 | 2,383 | 2,368 | 2,434 | 215 | 244 | 281 | 8.3% | 9.3% | 10.3% |
| Eddy | 1,405 | 1,433 | 1,586 | 1,243 | 1,246 | 1,314 | 162 | 187 | 272 | 11.5% | 13.0% | 17.2% |
| Ramsey | 6,197 | 6,296 | 6,541 | 5,866 | 5,847 | 6,034 | 331 | 449 | 507 | 5.3% | 7.1% | 7.8% |
| Rolette | 4,957 | 5,108 | 4,997 | 3,962 | 3,949 | 4,218 | 995 | 1,159 | 779 | 20.1% | 22.7% | 15.6% |
| Towner | 1,718 | 1,677 | 1,793 | 1,657 | 1,606 | 1,696 | 61 | 71 | 97 | 3.6% | 4.2% | 5.4% |
| REGION 3 | 19,779 | 20,113 | 20,916 | 17,775 | 17,711 | 18,528 | 2,004 | 2,402 | 2,388 | 10.1% | 11.9% | 11.4% |
| Grand Forks | 36,324 | 36,290 | 37,070 | 34,903 | 34,591 | 35,574 | 1,421 | 1,699 | 1,496 | 3.9% | 4.7% | 4.0% |
| Nelson | 1,898 | 1,932 | 2,091 | 1,755 | 1,726 | 1,863 | 143 | 206 | 228 | 7.5% | 10.7% | 10.9% |
| Pembina | 4,878 | 5,000 | 5,159 | 4,422 | 4,418 | 4,516 | 456 | 582 | 643 | 9.3% | 11.6% | 12.5% |
| Walsh | 7,616 | 7,609 | 7,791 | 7,246 | 7,172 | 7,311 | 370 | 437 | 480 | 4.9% | 5.7% | 6.2% |
| REGION 4 | 50,716 | 50,831 | 52,111 | 48,326 | 47,907 | 49,264 | 2,390 | 2,924 | 2,847 | 4.7% | 5.8% | 5.5% |
| Cass | 59,442 | 59,542 | 58,105 | 57,636 | 57,438 | 55,913 | 1,806 | 2,104 | 2,192 | 3.0% | 3.5% | 3.8% |
| Ransom | 2,626 | 2,629 | 2,681 | 2,500 | 2,509 | 2,550 | 126 | 120 | 131 | 4.8% | 4.6% | 4.9% |
| Richland | 8,252 | 8,477 | 8,436 | 7,920 | 8,138 | 7,902 | 332 | 339 | 534 | 4.0% | 4.0% | 6.3% |
| Sargent | 2,330 | 2,341 | 2,436 | 2,229 | 2,244 | 2,295 | 101 | 97 | 141 | 4.3% | 4.1% | 5.8% |
| Steele | 1,073 | 1,079 | 1,169 | 1,038 | 1,030 | 1,073 | 35 | 49 | 96 | 3.3% | 4.5% | 8.2% |
| Traill | 4,157 | 4,167 | 4,357 | 4,039 | 4,036 | 4,182 | 118 | 131 | 175 | 2.8% | 3.1% | 4.0% |
| REGION 5 | 77,880 | 78,235 | 77,184 | 75,362 | 75,395 | 73,915 | 2,518 | 2,840 | 3,269 | 3.2% | 3.6% | 4.2% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 | Mar 1988 | Feb 1988 | Mar 1987 |
| **Barnes** | 6,109 | 6,017 | 6,193 | 5,733 | 5,591 | 5,744 | 376 | 426 | 449 | 6.2% | 7.1% | 7.3% |
| **Dickey** | 2,931 | 2,947 | 3,209 | 2,768 | 2,767 | 3,005 | 163 | 180 | 204 | 5.6% | 6.1% | 6.4% |
| **Foster** | 2,042 | 2,054 | 2,136 | 1,916 | 1,918 | 1,966 | 126 | 136 | 170 | 6.2% | 6.6% | 8.0% |
| **Griggs** | 1,411 | 1,434 | 1,461 | 1,349 | 1,345 | 1,397 | 62 | 89 | 64 | 4.4% | 6.2% | 4.4% |
| **La Moure** | 2,340 | 2,349 | 2,435 | 2,204 | 2,190 | 2,279 | 136 | 159 | 156 | 5.8% | 6.8% | 6.4% |
| **Logan** | 1,388 | 1,406 | 1,444 | 1,327 | 1,335 | 1,354 | 61 | 71 | 90 | 4.4% | 5.0% | 6.2% |
| **McIntosh** | 2,140 | 2,141 | 2,198 | 2,085 | 2,072 | 2,109 | 55 | 69 | 89 | 2.6% | 3.2% | 4.0% |
| **Stutsman** | 11,910 | 11,935 | 12,226 | 11,292 | 11,218 | 11,405 | 618 | 717 | 821 | 5.2% | 6.0% | 6.7% |
| **Wells** | 2,805 | 2,855 | 2,888 | 2,570 | 2,567 | 2,617 | 235 | 288 | 271 | 8.4% | 10.1% | 9.4% |
| **REGION 6** | 33,076 | 33,138 | 34,190 | 31,244 | 31,003 | 31,876 | 1,832 | 2,135 | 2,314 | 5.5% | 6.4% | 6.8% |
| **Burleigh** | 32,344 | 32,518 | 32,120 | 30,560 | 30,473 | 30,138 | 1,784 | 2,045 | 1,982 | 5.5% | 6.3% | 6.2% |
| **Emmons** | 2,057 | 2,092 | 2,206 | 1,920 | 1,916 | 2,004 | 137 | 176 | 202 | 6.7% | 8.4% | 9.2% |
| **Grant** | 1,746 | 1,754 | 1,857 | 1,667 | 1,665 | 1,751 | 79 | 89 | 106 | 4.5% | 5.1% | 5.7% |
| **Kidder** | 1,546 | 1,551 | 1,651 | 1,385 | 1,373 | 1,404 | 161 | 178 | 247 | 10.4% | 11.5% | 15.0% |
| **McLean** | 4,880 | 4,739 | 4,751 | 4,519 | 4,321 | 4,350 | 361 | 418 | 401 | 7.4% | 8.8% | 8.4% |
| **Mercer** | 5,298 | 5,412 | 5,474 | 4,853 | 4,874 | 4,986 | 445 | 538 | 488 | 8.4% | 9.9% | 8.9% |
| **Morton** | 12,148 | 12,280 | 11,957 | 11,197 | 11,165 | 11,042 | 951 | 1,115 | 915 | 7.8% | 9.1% | 7.7% |
| **Oliver** | 1,196 | 1,150 | 1,065 | 1,109 | 1,054 | 981 | 87 | 96 | 84 | 7.3% | 8.3% | 7.9% |
| **Sheridan** | 1,039 | 1,035 | 1,168 | 962 | 950 | 1,037 | 77 | 85 | 131 | 7.4% | 8.2% | 11.2% |
| **Sioux** | 1,313 | 1,353 | 1,353 | 1,228 | 1,237 | 1,212 | 85 | 116 | 141 | 6.5% | 8.6% | 10.4% |
| **REGION 7** | 63,567 | 63,884 | 63,602 | 59,400 | 59,028 | 58,905 | 4,167 | 4,856 | 4,697 | 6.6% | 7.6% | 7.4% |
| **Adams** | 1,617 | 1,620 | 1,758 | 1,569 | 1,568 | 1,679 | 48 | 52 | 79 | 3.0% | 3.2% | 4.5% |
| **Billings** | 670 | 710 | 632 | 633 | 667 | 578 | 37 | 43 | 54 | 5.5% | 6.1% | 8.5% |
| **Bowman** | 2,038 | 2,054 | 2,135 | 1,937 | 1,937 | 2,005 | 101 | 117 | 130 | 5.0% | 5.7% | 6.1% |
| **Dunn** | 1,608 | 1,624 | 1,767 | 1,447 | 1,446 | 1,552 | 161 | 178 | 215 | 10.0% | 11.0% | 12.2% |
| **Golden Valley** | 974 | 984 | 1,026 | 936 | 940 | 979 | 38 | 44 | 47 | 3.9% | 4.5% | 4.6% |
| **Hettinger** | 1,805 | 1,827 | 1,905 | 1,675 | 1,680 | 1,724 | 130 | 147 | 181 | 7.2% | 8.0% | 9.5% |
| **Slope** | 395 | 388 | 474 | 363 | 357 | 409 | 32 | 31 | 65 | 8.1% | 8.0% | 13.7% |
| **Stark** | 11,177 | 11,230 | 11,874 | 10,446 | 10,456 | 10,707 | 731 | 774 | 1,167 | 6.5% | 6.9% | 9.8% |
| **REGION 8** | 20,284 | 20,437 | 21,571 | 19,006 | 19,051 | 19,633 | 1,278 | 1,386 | 1,938 | 6.3% | 6.8% | 9.0% |
| **STATE TOTAL** | 318,904 | 320,743 | 326,002 | 301,102 | 300,130 | 303,158 | 17,802 | 20,613 | 22,844 | 5.6% | 6.4% | 7.0% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | | | | Percent Change From | |
|---|---|---|---|---|---|
| | March 1988 | February 1988 | March 1987 | February 1988 | March 1987 |
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 122,640 | 123,084 | 120,982 | -0.4% | 1.4% |
| Employment | 115,839 | 116,145 | 113,191 | -0.3% | 2.3% |
| Unemployment | 6,801 | 6,939 | 7,791 | -2.0% | -12.7% |
| Unemployment Rate | 5.5% | 5.6% | 6.4% | xxx | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 318,904 | 320,743 | 326,000 | -0.6% | -2.2% |
| Employment | 301,102 | 300,130 | 303,160 | 0.3% | -0.7% |
| Unemployment | 17,802 | 20,613 | 22,840 | -13.6% | -22.1% |
| Unemployment Rate | 5.6% | 6.4% | 7.0% | xxx | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 85,176 | 85,070 | 83,320 | 0.1% | 2.2% |
| Employment | 82,057 | 81,478 | 79,320 | 0.7% | 3.5% |
| Unemployment | 3,119 | 3,592 | 4,000 | -13.2% | -22.0% |
| Unemployment Rate | 3.7% | 4.2% | 4.8% | xxx | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,324 | 36,290 | 37,070 | 0.1% | -2.0% |
| Employment | 34,903 | 34,591 | 35,570 | 0.9% | -1.9% |
| Unemployment | 1,421 | 1,699 | 1,500 | -16.4% | -5.3% |
| Unemployment Rate | 3.9% | 4.7% | 4.0% | xxx | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 44,492 | 44,798 | 44,080 | -0.7% | 0.9% |
| Employment | 41,757 | 41,638 | 41,180 | 0.3% | 1.4% |
| Unemployment | 2,735 | 3,160 | 2,900 | -13.4% | -5.7% |
| Unemployment Rate | 6.1% | 7.1% | 6.6% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### FEBRUARY 1988
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 320.7 | 343.1 | 2,241.3 | 399.4 |
| Employment | 300.1 | 328.5 | 2,117.0 | 363.1 |
| Unemployment | 20.6 | 14.6 | 124.3 | 36.3 |
| Unemployment Rate | 6.4% | 4.2% | 5.5% | 9.1% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**DEVILS LAKE**
301 College Drive
Phone: 662-2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street S
Phone: 237-7113

**GRAND FORKS**
2016 S Washington
Phone: 777-3711

**GRAFTON**
728 Hill Avenue S
Phone: 352-2202

**JAMESTOWN**
429 Second Street SW
Phone: 251-2256

**MANDAN**
501 First Street NW
Phone: 663-6461

**MINOT**
3416 N Broadway
Phone: 852-2164

**VALLEY CITY**
2425 W Main
Phone: 845-7261

**WAHPETON**
524 Second Avenue N
Phone: 671-2711

**WILLISTON**
422 First Avenue W
Phone: 572-7771

**BEULAH**
119 E Main
Phone: 873-5607

**ROLLA**
103 E Main
Phone: 477-5631

**NDSU--Fargo**
Placement Bureau
Memorial Union Building
Phone: 237-7111

**NEW TOWN**
Tribal Administration Bldg.
Phone: 627-4390

**UND--Grand Forks**
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here ________ and return this page to the above address.

6/6/88

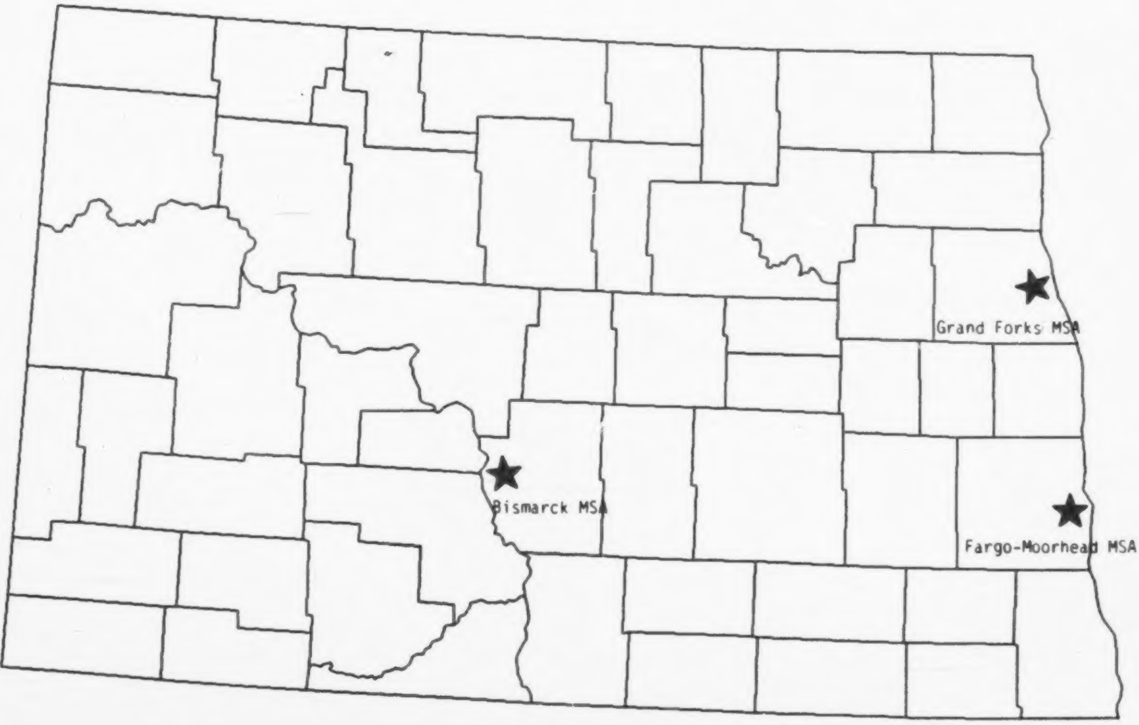
S 6140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

APRIL 1988

VOLUME 4, NUMBER 4

## NORTH DAKOTA MSAs


Grand Forks MSA
Bismarck MSA
Fargo-Moorhead MSA

# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

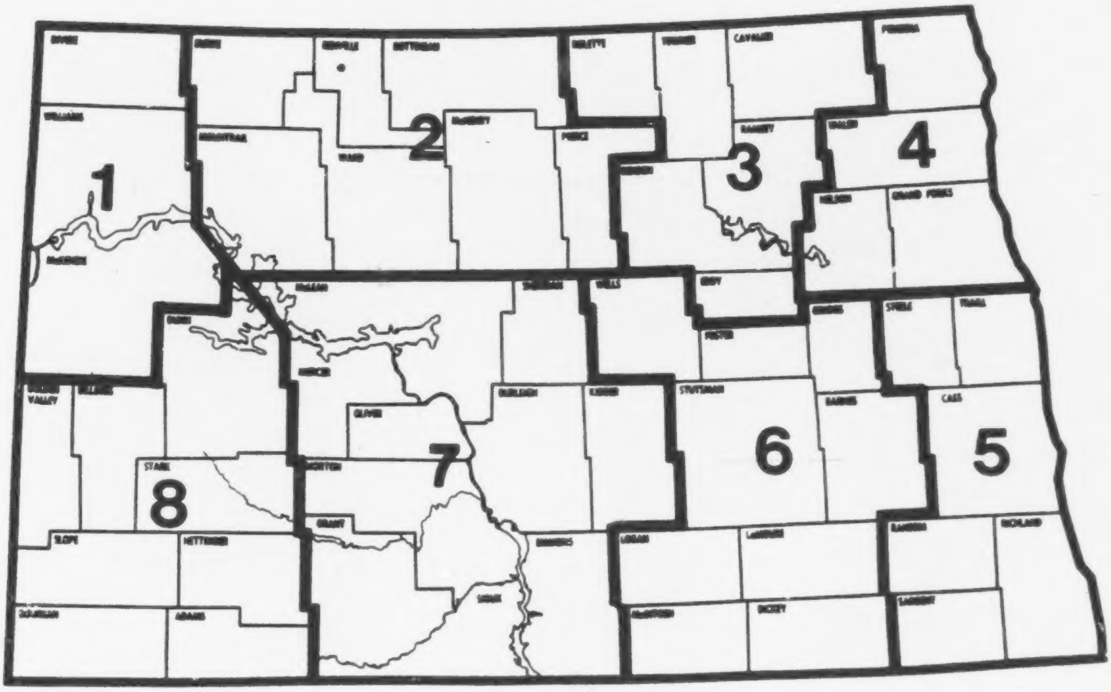
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# EMPLOYMENT CHANGE IN THE METROPOLITAN STATISTICAL AREAS 1986 COMPARED TO 1987

OVERVIEW: The February 1988 edition of the North Dakota Labor Market Advisor contained an article on the changes that occurred in employment, by industry, in North Dakota between 1986 and 1987. The text of the article covered the fact that nonagricultural wage and salary employment rose by 2,350 in the state. Also, six of the nine industries recorded increases with services leading the way with a gain of 1,700. In addition, two industries--construction and wholesale trade--remained stable, and mining, with a drop of 550, was the only industry to register a decline.

The state recorded gains, but how did the Metropolitan Statistical Areas (MSAs) fare? A review of the three areas designated in the state as MSAs may reveal some interesting information.

FARGO-MOORHEAD MSA: The average employment in the MSA reached another milestone by topping the 70,000 mark for the first time. Employment had edged above 70,000 in the last three months of 1986, but 1987 was the first year where the average exceeded this figure. The 70,600 attained was 2,500 above the 1986 average with employment increases recorded in all industries. The services industry was the leader, as it was in the state totals, with the addition of 700 workers. Segments that recorded gains of 100 or more were personal, business, and medical services, although all but two sectors--entertainment and membership organizations--recorded over-the-year gains. Retail trade added 500 workers, primarily in department and variety stores, eating and drinking establishments, and in miscellaneous retail outlets. The combined industry--transportation, communications and utilities--is up by 400 with nearly all of the gain occurring in truck transportation and warehousing. The remaining major industries had gains of less than 300.

GRAND FORKS MSA: Employment in the Grand Forks MSA rose from an average of 28,650 in 1986 to 29,750 in 1987. This gain of 1,100 was less than half of that recorded in the Fargo-Moorhead MSA. However, the MSA is considerably smaller and a better comparison is to check the percentage change. Here the two were nearly identical with Fargo-Moorhead recording a gain of 3.7% and Grand Forks 3.8%. All industries recorded gains except finance, insurance, and real estate which remained stable. The services industry was again the leader, as it was in the state and the Fargo-Moorhead MSA, with the addition of 400 workers. Medical services stands out as the leader in the industry, accounting for over half of the increase. Social and business services also recorded above average gains with all of the other segments either remaining stable or recording only minor changes between 1986 and 1987. Retail trade added 200 with all areas showing minor growth except furniture and home furnishing where employment declined slightly. The balance of the major industries reported increases of 100 each.

BISMARCK MSA: Nonfarm employment in the Bismarck MSA, which includes Burleigh and Morton counties, averaged 36,600 in 1987, which is a gain of 650 over 1986. For comparison purposes, the percentage increase was 1.8%, which is less than half the rate attained in the Fargo-Moorhead and Grand Forks MSAs. Employment changes, by industry, were varied. Some recorded gains, others remained stable, while a third group lost employment over the year. Services was also a leader in this geographic area with additions of 300 workers. However, it had to share the spotlight with retail trade which also added 300 to its payroll. With the continual growth and expansion of the medical industry in Bismarck, it is not surprising to see this sector leading the services industry and accounting for nearly half of the gain. Social services added 100, with the balance of the segments showing minor fluctuations. In retail trade, food stores and eating and drinking establishments accounted for the majority of the gains with the other segments showing only minor changes. Transportation, communications and utilities dropped by 100 with decreases in railroad transportation and in utilities. Wholesale trade also declined by 100 with the drop occurring in both the durable and nondurable goods segments.

SUMMARY: Employment statewide increased by 2,350 between 1986 and 1987. However, the increases in the three MSAs exceeded the gain for the entire state. In Fargo-Moorhead, employment increased by 2,500, while Grand Forks was up 1,100 and Bismarck up by 650. These increases total 4,250, exceeding the increase of the state by 1,900. Obviously, there were losses in the smaller communities which offset, in part, the gains in the MSAs. The increases in the two MSAs in the eastern part of the state were stronger than the gain experienced in the Bismarck MSA. The reduced activity in oil field exploration and mining continues to influence the total economy in the western part of the state. The eastern part, with greater diversification, demonstrated a stronger expansion during the past year.

**Dale R. Dehlin,**
**Research Analyst**

## NORTH DAKOTA

(ROUNDED TO FIFTY)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | APRIL 1988 | MARCH 1988 | APRIL 1987 | MARCH 1988 | APRIL 1987 |
| TOTAL | 252,850 | 250,250 | 250,350 | 1.0% | 1.0% |
| MINING | 4,150 | 4,050 | 3,750 | 2.5% | 10.7% |
| COAL | 1,100 | 1,050 | 1,100 | 4.8% | 0.0% |
| CRUDE PET. & NAT. GAS | 2,700 | 2,800 | 2,300 | -3.6% | 17.4% |
| OTHER MINING | 350 | 200 | 350 | 75.0% | 0.0% |
| CONSTRUCTION | 8,200 | 7,150 | 9,050 | 14.7% | -9.4% |
| BUILDING CONSTRUCTION | 2,200 | 2,000 | 2,300 | 10.0% | -4.3% |
| STREET HIGHWAY & HEAVY | 1,700 | 1,250 | 1,950 | 36.0% | -12.8% |
| SPECIAL TRADE CONSTRUCTION | 4,300 | 3,900 | 4,800 | 10.3% | -10.4% |
| MANUFACTURING | 15,850 | 16,000 | 15,350 | -0.9% | 3.3% |
| DURABLE GOODS | 6,600 | 6,450 | 6,350 | 2.3% | 3.9% |
| STONE, CLAY & GLASS | 550 | 400 | 600 | 37.5% | -8.3% |
| PRIMARY & FAB. METALS | 800 | 800 | 700 | 0.0% | 14.3% |
| MACHINERY & TRANS. EQUIP. | 4,000 | 4,000 | 3,800 | 0.0% | 5.3% |
| OTHER DURABLE GOODS | 1,250 | 1,250 | 1,250 | 0.0% | 0.0% |
| NONDURABLE GOODS | 9,250 | 9,550 | 9,000 | -3.1% | 2.8% |
| FOOD & KINDRED PRODUCTS | 4,450 | 4,650 | 4,500 | -4.3% | -1.1% |
| DAIRY PRODUCTS | 750 | 750 | 750 | 0.0% | 0.0% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,650 | 1,900 | 1,750 | -13.2% | -5.7% |
| BAKERY PRODUCTS | 300 | 300 | 350 | 0.0% | -14.3% |
| OTHER FOOD & KINDRED | 1,750 | 1,700 | 1,650 | 2.9% | 6.1% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,400 | 0.0% | 0.0% |
| OTHER NONDURABLE GOODS | 2,400 | 2,500 | 2,100 | -4.0% | 14.3% |
| TRANS. COMM. & UTILITIES | 16,200 | 16,100 | 16,100 | 0.6% | 0.6% |
| TRANSPORTATION | 8,300 | 8,200 | 8,100 | 1.2% | 2.5% |
| TRUCKING & WAREHOUSE | 4,800 | 4,700 | 4,600 | 2.1% | 4.3% |
| OTHER TRANSPORTATION | 3,500 | 3,500 | 3,500 | 0.0% | 0.0% |
| COMMUNICATION | 3,200 | 3,200 | 3,200 | 0.0% | 0.0% |
| UTILITIES | 4,700 | 4,700 | 4,800 | 0.0% | -2.1% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | APRIL 1988 | MARCH 1988 | APRIL 1987 | MARCH 1988 | APRIL 1987 |
| WHOLESALE TRADE | 19,600 | 19,300 | 19,400 | 1.6% | 1.0% |
| DURABLE GOODS | 9,200 | 9,100 | 9,000 | 1.1% | 2.2% |
| NONDURABLE GOODS | 10,400 | 10,200 | 10,400 | 2.0% | 0.0% |
| RETAIL TRADE | 48,400 | 47,400 | 47,700 | 2.1% | 1.5% |
| GENERAL MERCHANDISE | 6,200 | 6,100 | 6,200 | 1.6% | 0.0% |
| FOOD STORES | 6,600 | 6,600 | 6,600 | 0.0% | 0.0% |
| AUTO DEALERS & SERVICE ST. | 6,600 | 6,500 | 6,600 | 1.5% | 0.0% |
| APPAREL & ACCESSORIES | 2,600 | 2,500 | 2,600 | 4.0% | 0.0% |
| OTHER RETAIL | 26,400 | 25,700 | 25,700 | 2.7% | 2.7% |
| FINANCE, INS. & REAL ESTATE | 12,250 | 12,250 | 12,400 | 0.0% | -1.2% |
| FINANCE | 6,600 | 6,600 | 6,800 | 0.0% | -2.9% |
| BANKING | 4,100 | 4,100 | 4,100 | 0.0% | 0.0% |
| OTHER FINANCE | 2,500 | 2,500 | 2,700 | 0.0% | -7.4% |
| INSURANCE | 3,900 | 3,900 | 3,800 | 0.0% | 2.6% |
| REAL ESTATE | 1,750 | 1,750 | 1,800 | 0.0% | -2.8% |
| SERVICES | 63,000 | 62,500 | 60,400 | 0.8% | 4.3% |
| LODGING | 4,100 | 4,100 | 4,100 | 0.0% | 0.0% |
| HEALTH SERVICES | 26,700 | 26,700 | 25,800 | 0.0% | 3.5% |
| NURSING CARE & HOSPITALS | 19,600 | 19,600 | 19,000 | 0.0% | 3.2% |
| OTHER MEDICAL SERVICES | 7,100 | 7,100 | 6,800 | 0.0% | 4.4% |
| OTHER SERVICES | 32,200 | 31,700 | 30,500 | 1.6% | 5.6% |
| GOVERNMENT | 65,200 | 65,500 | 66,200 | -0.5% | -1.5% |
| FEDERAL | 10,100 | 10,100 | 10,300 | 0.0% | -1.9% |
| STATE GOVERNMENT | 19,800 | 20,000 | 20,500 | -1.0% | -3.4% |
| EDUCATIONAL SERVICES | 13,000 | 13,300 | 13,300 | -2.3% | -2.3% |
| OTHER STATE GOVERNMENT | 6,800 | 6,700 | 7,200 | 1.5% | -5.6% |
| LOCAL GOVERNMENT | 35,300 | 35,400 | 35,400 | -0.3% | -0.3% |
| EDUCATIONAL SERVICES | 17,900 | 18,000 | 17,900 | -0.6% | 0.0% |
| OTHER LOCAL GOVERNMENT | 17,400 | 17,400 | 17,500 | 0.0% | -0.6% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | APRIL 1988 | MARCH 1988 | APRIL 1987 | MARCH 1988 | APRIL 1987 |
| TOTAL | 73,050 | 72,050 | 70,550 | 1.4% | 3.5% |
| MINING CONSTRUCTION | 3,000 | 2,700 | 3,000 | 11.1% | 0.0% |
| MANUFACTURING | 4,950 | 4,850 | 4,750 | 2.1% | 4.2% |
| DURABLE GOODS | 2,100 | 2,000 | 2,000 | 5.0% | 5.0% |
| NONDURABLE GOODS | 2,850 | 2,850 | 2,750 | 0.0% | 3.6% |
| TRANS., COMM. & UTILITIES | 4,700 | 4,800 | 4,300 | -2.1% | 9.3% |
| TRADE | 21,400 | 20,800 | 20,800 | 2.9% | 2.9% |
| WHOLESALE TRADE | 6,600 | 6,500 | 6,600 | 1.5% | 0.0% |
| RETAIL TRADE | 14,800 | 14,300 | 14,200 | 3.5% | 4.2% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,600 | 4,400 | 0.0% | 4.5% |
| SERVICES | 20,000 | 19,600 | 19,100 | 2.0% | 4.7% |
| GOVERNMENT | 14,400 | 14,700 | 14,200 | -2.0% | 1.4% |
| FEDERAL | 2,200 | 2,200 | 2,200 | 0.0% | 0.0% |
| STATE & LOCAL | 12,200 | 12,500 | 12,000 | -2.4% | 1.7% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 30,300 | 30,100 | 29,950 | 0.7% | 1.2% |
| MINING & CONSTRUCTION | 1,200 | 1,050 | 1,400 | 14.3% | -14.3% |
| MANUFACTURING | 1,800 | 1,800 | 1,750 | 0.0% | 2.9% |
| TRANS., COMM. & UTILITIES | 1,500 | 1,550 | 1,500 | -3.2% | 0.0% |
| TRADE | 8,350 | 8,100 | 8,150 | 3.1% | 2.5% |
| WHOLESALE TRADE | 1,550 | 1,500 | 1,450 | 3.3% | 6.9% |
| RETAIL TRADE | 6,800 | 6,600 | 6,700 | 3.0% | 1.5% |
| FINANCE, INS. & REAL ESTATE | 1,150 | 1,100 | 1,150 | 4.5% | 0.0% |
| SERVICES | 6,900 | 6,900 | 6,600 | 0.0% | 4.5% |
| GOVERNMENT | 9,400 | 9,600 | 9,400 | -2.1% | 0.0% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 36,750 | 36,400 | 36,400 | 1.0% | 1.0% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,250 | 1,150 | 1,350 | 8.7% | -7.4% |
| MANUFACTURING | 1,950 | 1,900 | 1,900 | 2.6% | 2.6% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,700 | 9,600 | 9,700 | 1.0% | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 7,600 | 7,500 | 7,500 | 1.3% | 1.3% |
| FINANCE, INS. & REAL ESTATE | 1,650 | 1,650 | 1,650 | 0.0% | 0.0% |
| SERVICES | 10,800 | 10,700 | 10,400 | 0.9% | 3.8% |
| GOVERNMENT | 8,500 | 8,500 | 8,600 | 0.0% | -1.2% |

(1982-84=100)

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

| | Annual Average 1987 | April 1988 | March 1988 | April 1987 | Percent Change From | |
|---|---|---|---|---|---|---|
| | | | | | March 1988 | April 1987 |
| All Items | 113.6 | 117.1 | 116.5 | 112.7 | 0.5% | 3.9% |
| Food & Beverage | 113.5 | 116.7 | 116.0 | 112.8 | 0.6% | 3.5% |
| Housing | 114.2 | 117.3 | 117.0 | 113.2 | 0.3% | 3.6% |
| Apparel & Upkeep | 110.6 | 117.0 | 114.3 | 111.5 | 2.4% | 4.9% |
| Transportation | 105.4 | 107.2 | 106.5 | 104.2 | 0.7% | 2.9% |
| Medical Care | 130.1 | 136.9 | 136.3 | 128.7 | 0.4% | 6.4% |
| Entertainment | 115.3 | 119.6 | 119.0 | 114.5 | 0.5% | 4.5% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1987 | April 1988 | March 1988 | April 1987 | Percent Change From | |
|---|---|---|---|---|---|---|
| | | | | | March 1988 | April 1987 |
| All Commodities | 102.8 | 105.8 | 104.9 | 101.9 | 0.9% | 3.8% |
| Farm Products & Processed Food and Feeds | 103.7 | 106.5 | 105.7 | 103.3 | 0.8% | 3.1% |
| Industrial Commodities | 102.6 | 105.6 | 104.7 | 101.6 | 0.9% | 3.9% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 414.92 | 412.87 | 398.75 | 41.0 | 41.0 | 40.4 | 10.12 | 10.07 | 9.87 |
| Durable Goods | 444.52 | 441.38 | 427.03 | 41.7 | 41.6 | 41.1 | 10.66 | 10.61 | 10.39 |
| Nondurable Goods | 373.60 | 372.40 | 361.03 | 40.0 | 40.0 | 39.5 | 9.34 | 9.31 | 9.14 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 335.62 | 318.14 | 319.50 | 39.3 | 38.1 | 37.9 | 8.54 | 8.35 | 8.43 |
| Durable Goods | 373.93 | 340.08 | 344.36 | 42.3 | 39.0 | 39.4 | 8.84 | 8.72 | 8.74 |
| Nondurable Goods | 308.76 | 303.75 | 301.39 | 37.2 | 37.5 | 36.8 | 8.30 | 8.10 | 8.19 |
| Food & Kindred | 302.38 | 312.27 | 298.83 | 36.3 | 38.6 | 37.4 | 8.33 | 8.09 | 7.99 |
| Printing and Publishing | 262.60 | 259.95 | 251.71 | 31.6 | 30.8 | 30.4 | 8.31 | 8.44 | 8.28 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 312.11 | 315.02 | 304.32 | 37.2 | 38.0 | 36.1 | 8.39 | 8.29 | 8.43 |
| Durable Goods | 313.05 | 297.00 | 317.68 | 38.6 | 37.5 | 38.0 | 8.11 | 7.92 | 8.36 |
| Nondurable Goods | 311.68 | 327.08 | 294.26 | 36.2 | 38.3 | 34.7 | 8.61 | 8.54 | 8.48 |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 |
| Divide | 1,415 | 1,316 | 1,463 | 1,361 | 1,261 | 1,398 | 54 | 55 | 65 | 3.8% | 4.2% | 4.4% |
| McKenzie | 2,905 | 2,755 | 3,134 | 2,785 | 2,587 | 2,846 | 120 | 168 | 288 | 4.1% | 6.1% | 9.2% |
| Williams | 10,642 | 10,326 | 11,560 | 10,038 | 9,695 | 10,234 | 604 | 631 | 1,326 | 5.7% | 6.1% | 11.5% |
| **REGION 1** | 14,962 | 14,397 | 16,157 | 14,184 | 13,543 | 14,478 | 778 | 854 | 1,679 | 5.2% | 5.9% | 10.4% |
| Bottineau | 3,563 | 3,438 | 3,716 | 3,373 | 3,199 | 3,440 | 190 | 239 | 276 | 5.3% | 7.0% | 7.4% |
| Burke | 1,353 | 1,300 | 1,491 | 1,299 | 1,237 | 1,351 | 54 | 63 | 140 | 4.0% | 4.8% | 9.4% |
| McHenry | 2,814 | 2,647 | 2,958 | 2,475 | 2,230 | 2,521 | 339 | 417 | 437 | 12.0% | 15.8% | 14.8% |
| Mountrail | 3,295 | 3,102 | 3,455 | 3,097 | 2,848 | 3,104 | 198 | 254 | 351 | 6.0% | 8.2% | 10.2% |
| Pierce | 2,457 | 2,266 | 2,551 | 2,369 | 2,156 | 2,411 | 88 | 110 | 140 | 3.6% | 4.9% | 5.5% |
| Renville | 1,278 | 1,217 | 1,339 | 1,218 | 1,143 | 1,229 | 60 | 74 | 110 | 4.7% | 6.1% | 8.2% |
| Ward | 25,311 | 25,178 | 25,606 | 23,976 | 23,571 | 24,005 | 1,335 | 1,607 | 1,601 | 5.3% | 6.4% | 6.3% |
| **REGION 2** | 40,071 | 39,148 | 41,116 | 37,807 | 36,384 | 38,061 | 2,264 | 2,764 | 3,055 | 5.6% | 7.1% | 7.4% |
| Benson | 3,145 | 2,897 | 3,326 | 2,968 | 2,658 | 2,960 | 177 | 239 | 366 | 5.6% | 8.2% | 11.0% |
| Cavalier | 2,745 | 2,595 | 2,806 | 2,553 | 2,381 | 2,555 | 192 | 214 | 251 | 7.0% | 8.2% | 8.9% |
| Eddy | 1,465 | 1,404 | 1,596 | 1,321 | 1,242 | 1,369 | 144 | 162 | 227 | 9.8% | 11.5% | 14.2% |
| Ramsey | 6,546 | 6,192 | 6,676 | 6,235 | 5,861 | 6,244 | 311 | 331 | 432 | 4.8% | 5.3% | 6.5% |
| Rolette | 4,830 | 4,946 | 5,024 | 3,938 | 3,951 | 4,347 | 892 | 995 | 677 | 18.5% | 20.1% | 13.5% |
| Towner | 1,822 | 1,717 | 1,868 | 1,776 | 1,656 | 1,791 | 46 | 61 | 77 | 2.5% | 3.6% | 4.1% |
| **REGION 3** | 20,553 | 19,751 | 21,296 | 18,791 | 17,749 | 19,266 | 1,762 | 2,002 | 2,030 | 8.6% | 10.1% | 9.5% |
| Grand Forks | 36,574 | 36,332 | 36,422 | 35,319 | 34,911 | 34,981 | 1,255 | 1,421 | 1,441 | 3.4% | 3.9% | 4.0% |
| Nelson | 1,976 | 1,898 | 2,072 | 1,848 | 1,754 | 1,912 | 128 | 144 | 160 | 6.5% | 7.6% | 7.7% |
| Pembina | 4,995 | 4,872 | 5,127 | 4,591 | 4,416 | 4,544 | 404 | 456 | 583 | 8.1% | 9.4% | 11.4% |
| Walsh | 7,967 | 7,614 | 8,021 | 7,612 | 7,244 | 7,593 | 355 | 370 | 428 | 4.5% | 4.9% | 5.3% |
| **REGION 4** | 51,512 | 50,716 | 51,642 | 49,370 | 48,325 | 49,030 | 2,142 | 2,391 | 2,612 | 4.2% | 4.7% | 5.1% |
| Cass | 60,231 | 59,420 | 59,001 | 58,680 | 57,615 | 57,218 | 1,551 | 1,805 | 1,783 | 2.6% | 3.0% | 3.0% |
| Ransom | 2,721 | 2,623 | 2,738 | 2,622 | 2,497 | 2,636 | 99 | 126 | 102 | 3.6% | 4.8% | 3.7% |
| Richland | 8,590 | 8,248 | 8,547 | 8,263 | 7,915 | 8,106 | 327 | 333 | 441 | 3.8% | 4.0% | 5.2% |
| Sargent | 2,451 | 2,330 | 2,496 | 2,386 | 2,229 | 2,383 | 65 | 101 | 113 | 2.7% | 4.3% | 4.5% |
| Steele | 1,183 | 1,074 | 1,188 | 1,141 | 1,039 | 1,127 | 42 | 35 | 61 | 3.6% | 3.3% | 5.1% |
| Traill | 4,299 | 4,156 | 4,424 | 4,088 | 4,038 | 4,181 | 211 | 118 | 243 | 4.9% | 2.8% | 5.5% |
| **REGION 5** | 79,475 | 77,851 | 78,394 | 77,180 | 75,333 | 75,651 | 2,295 | 2,518 | 2,743 | 2.9% | 3.2% | 3.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 | Apr 1988 | Mar 1988 | Apr 1987 |
| Barnes | 6,000 | 6,107 | 6,159 | 5,740 | 5,731 | 5,797 | 260 | 376 | 362 | 4.3% | 6.2% | 5.9% |
| Dickey | 3,168 | 2,926 | 3,299 | 3,030 | 2,764 | 3,147 | 138 | 162 | 152 | 4.4% | 5.5% | 4.6% |
| Foster | 2,174 | 2,043 | 2,233 | 2,079 | 1,914 | 2,076 | 95 | 129 | 157 | 4.4% | 6.3% | 7.0% |
| Griggs | 1,504 | 1,411 | 1,514 | 1,456 | 1,349 | 1,473 | 48 | 62 | 41 | 3.2% | 4.4% | 2.7% |
| La Moure | 2,406 | 2,337 | 2,497 | 2,274 | 2,201 | 2,360 | 132 | 136 | 137 | 5.5% | 5.8% | 5.5% |
| Logan | 1,455 | 1,387 | 1,495 | 1,409 | 1,326 | 1,437 | 46 | 61 | 58 | 3.2% | 4.4% | 3.9% |
| McIntosh | 2,260 | 2,138 | 2,292 | 2,218 | 2,083 | 2,201 | 42 | 55 | 91 | 1.9% | 2.6% | 4.0% |
| Stutsman | 12,177 | 11,902 | 12,314 | 11,676 | 11,283 | 11,633 | 501 | 619 | 681 | 4.1% | 5.2% | 5.5% |
| Wells | 2,925 | 2,804 | 3,027 | 2,737 | 2,565 | 2,796 | 188 | 239 | 231 | 6.4% | 8.5% | 7.6% |
| **REGION 6** | 34,069 | 33,055 | 34,830 | 32,619 | 31,216 | 32,920 | 1,450 | 1,839 | 1,910 | 4.3% | 5.6% | 5.5% |
| Burleigh | 31,981 | 32,327 | 32,401 | 30,565 | 30,538 | 30,623 | 1,416 | 1,789 | 1,778 | 4.4% | 5.5% | 5.5% |
| Emmons | 2,144 | 2,056 | 2,249 | 2,038 | 1,919 | 2,093 | 106 | 137 | 156 | 4.9% | 6.7% | 6.9% |
| Grant | 1,922 | 1,745 | 1,972 | 1,856 | 1,666 | 1,856 | 66 | 79 | 116 | 3.4% | 4.5% | 5.9% |
| Kidder | 1,556 | 1,546 | 1,642 | 1,424 | 1,385 | 1,447 | 132 | 161 | 195 | 8.5% | 10.4% | 11.9% |
| McLean | 4,967 | 4,878 | 4,939 | 4,720 | 4,515 | 4,622 | 247 | 363 | 317 | 5.0% | 7.4% | 6.4% |
| Mercer | 5,374 | 5,297 | 5,440 | 5,021 | 4,852 | 5,012 | 353 | 445 | 428 | 6.6% | 8.4% | 7.9% |
| Morton | 11,898 | 12,141 | 12,004 | 11,199 | 11,189 | 11,220 | 699 | 952 | 784 | 5.9% | 7.8% | 6.5% |
| Oliver | 1,103 | 1,195 | 1,116 | 1,042 | 1,108 | 1,034 | 61 | 87 | 82 | 5.5% | 7.3% | 7.3% |
| Sheridan | 1,154 | 1,038 | 1,201 | 1,096 | 961 | 1,107 | 58 | 77 | 94 | 5.0% | 7.4% | 7.8% |
| Sioux | 1,356 | 1,305 | 1,387 | 1,284 | 1,220 | 1,258 | 72 | 85 | 129 | 5.3% | 6.5% | 9.3% |
| **REGION 7** | 63,455 | 63,528 | 64,351 | 60,245 | 59,353 | 60,272 | 3,210 | 4,175 | 4,079 | 5.1% | 6.6% | 6.3% |
| Adams | 1,675 | 1,617 | 1,785 | 1,635 | 1,569 | 1,698 | 40 | 48 | 87 | 2.4% | 3.0% | 4.9% |
| Billings | 620 | 670 | 666 | 587 | 633 | 625 | 33 | 37 | 41 | 5.3% | 5.5% | 6.2% |
| Bowman | 2,114 | 2,037 | 2,168 | 2,048 | 1,936 | 2,062 | 66 | 101 | 106 | 3.1% | 5.0% | 4.9% |
| Dunn | 1,742 | 1,607 | 1,824 | 1,598 | 1,446 | 1,627 | 144 | 161 | 197 | 8.3% | 10.0% | 10.8% |
| Golden Valley | 1,011 | 972 | 1,053 | 979 | 934 | 1,012 | 32 | 38 | 41 | 3.2% | 3.9% | 3.9% |
| Hettinger | 1,918 | 1,806 | 1,974 | 1,799 | 1,676 | 1,813 | 119 | 130 | 161 | 6.2% | 7.2% | 8.2% |
| Slope | 458 | 395 | 465 | 431 | 363 | 431 | 27 | 32 | 34 | 5.9% | 8.1% | 7.3% |
| Stark | 11,346 | 11,172 | 12,002 | 10,777 | 10,442 | 10,980 | 569 | 730 | 1,022 | 5.0% | 6.5% | 8.5% |
| **REGION 8** | 20,884 | 20,276 | 21,937 | 19,854 | 18,999 | 20,248 | 1,030 | 1,277 | 1,689 | 4.9% | 6.3% | 7.7% |
| **STATE TOTAL** | 324,981 | 318,722 | 329,723 | 310,050 | 300,902 | 309,926 | 14,931 | 17,820 | 19,797 | 4.6% | 5.6% | 6.0% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | | | | Percent Change From | |
|---|---|---|---|---|---|
| | April 1988 | March 1988 | April 1987 | March 1988 | April 1987 |
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 123,055 | 122,640 | 121,098 | 0.3% | 1.6% |
| Employment | 116,445 | 115,839 | 113,541 | 0.5% | 2.6% |
| Unemployment | 6,610 | 6,801 | 7,557 | -2.8% | -12.5% |
| Unemployment Rate | 5.4% | 5.5% | 6.2% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 324,980 | 318,720 | 329,730 | 2.0% | -1.4% |
| Employment | 310,050 | 300,900 | 309,930 | 3.0% | 0.0% |
| Unemployment | 14,930 | 17,820 | 19,800 | -16.2% | -24.6% |
| Unemployment Rate | 4.6% | 5.6% | 6.0% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 86,370 | 85,150 | 84,440 | 1.4% | 2.3% |
| Employment | 83,740 | 82,030 | 81,110 | 2.1% | 3.2% |
| Unemployment | 2,630 | 3,120 | 3,330 | -15.7% | -21.0% |
| Unemployment Rate | 3.0% | 3.7% | 3.9% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 36,580 | 36,330 | 36,420 | 0.7% | 0.4% |
| Employment | 35,320 | 34,910 | 34,980 | 1.2% | 1.0% |
| Unemployment | 1,260 | 1,420 | 1,440 | -11.3% | -12.5% |
| Unemployment Rate | 3.4% | 3.9% | 4.0% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 43,880 | 44,470 | 44,400 | -1.3% | -1.2% |
| Employment | 41,760 | 41,730 | 41,840 | 0.1% | -0.2% |
| Unemployment | 2,120 | 2,740 | 2,560 | -22.6% | -17.2% |
| Unemployment Rate | 4.8% | 6.2% | 5.8% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### MARCH 1988
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 318.7 | 348.0 | 2,266.3 | 402.9 |
| Employment | 300.9 | 335.3 | 2,157.2 | 366.0 |
| Unemployment | 17.8 | 12.7 | 109.1 | 36.9 |
| Unemployment Rate | 5.6% | 3.7% | 4.8% | 9.2% |

## DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**DEVILS LAKE**
301 College Drive
Phone: 662-2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street S
Phone: 237-7113

**GRAND FORKS**
2016 S Washington
Phone: 777-3711

**GRAFTON**
728 Hill Avenue S
Phone: 352-2202

**JAMESTOWN**
429 Second Street SW
Phone: 251-2256

**MANDAN**
501 First Street NW
Phone: 663-6461

**MINOT**
3416 N Broadway
Phone: 852-2164

**VALLEY CITY**
2425 W Main
Phone: 845-7261

**WAHPETON**
524 Second Avenue N
Phone: 671-2711

**WILLISTON**
422 First Avenue W
Phone: 572-7771

**BEULAH**
119 E Main
Phone: 873-5607

**ROLLA**
103 E Main
Phone: 477-5631

**NDSU--Fargo**
Placement Bureau
Memorial Union Building
Phone: 237-7111

**NEW TOWN**
Tribal Administration Bldg.
Phone: 627-4390

**UND--Grand Forks**
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

7/13/88

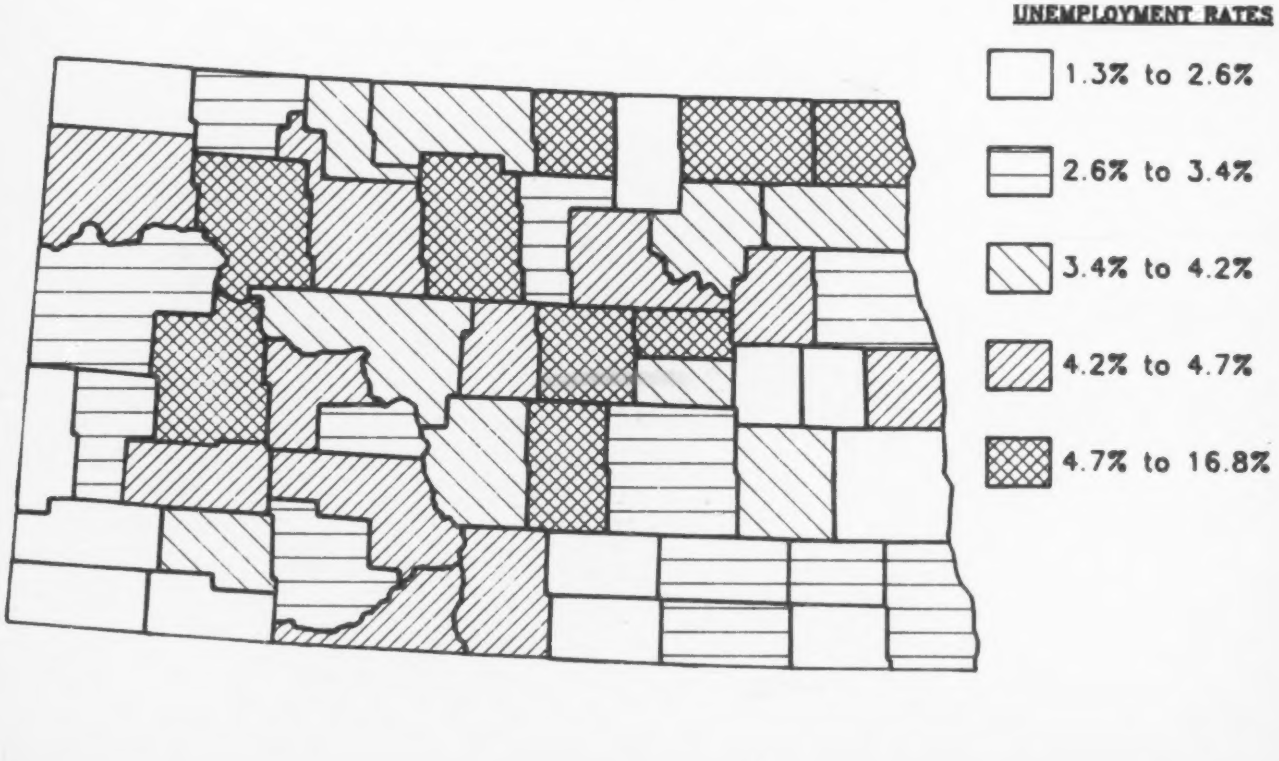
S6140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

MAY 1988

VOLUME 4, NUMBER 5

## NORTH DAKOTA UNEMPLOYMENT RATES
## MAY 1988


UNEMPLOYMENT RATES
1.3% to 2.6%
2.6% to 3.4%
3.4% to 4.2%
4.2% to 4.7%
4.7% to 16.8%

# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

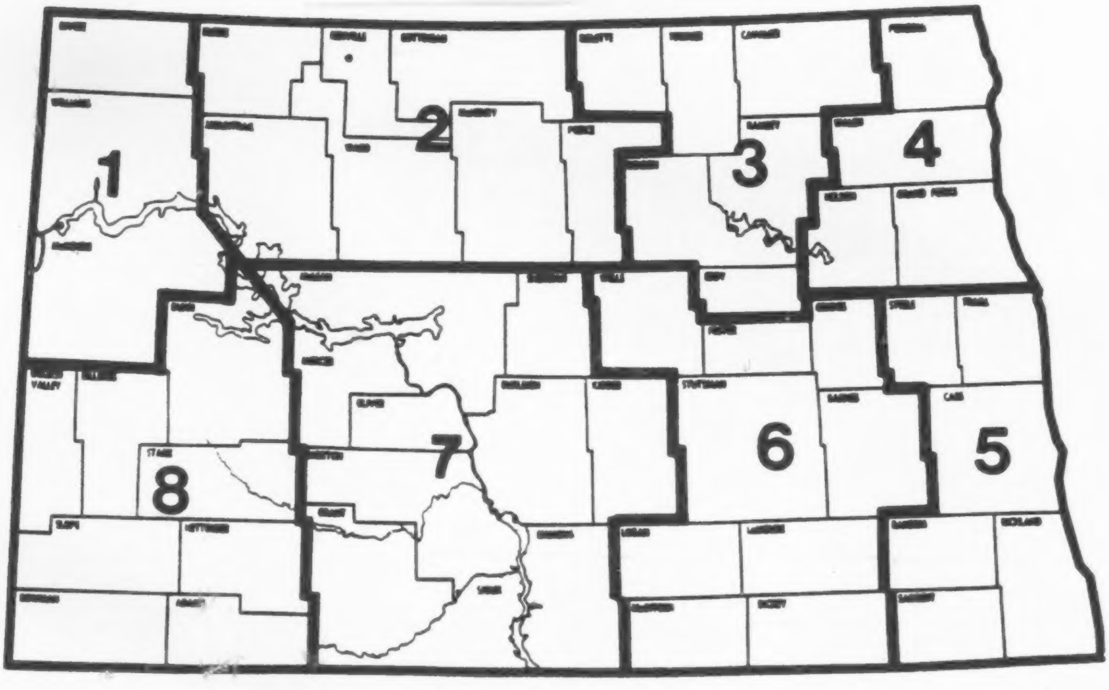
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA



STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# AMERICAN TRIVIA

Every month this publication presents an article dealing with labor market information. It is always hoped that the information provided is timely, accurate, and of value to you, the reader. But statistics are often dry, humorless, bureaucratically stuffy, and a little boring. We thought that maybe it is time for something a little lighter, yet statistical in nature. The following items were gleaned from a publication known as In One Day by Tom Parker (Houghton Mifflin, 1984). All of the data pertain to Americans and are national in scope, except in a few instances where I found North Dakota data could be used. It is hoped that you find the following data informative yet relaxing. Enjoy.

## IN ONE DAY.....

Americans take about 33 million photographs. To look at one day's worth of pictures would take you more than a year--allowing only one second for each picture.

Americans eat 143 million M&M candies (both plain and peanut). That is equivalent to almost 10 heaping shopping bags full of M&Ms every minute, or put another way, one shopping bag of M&Ms every six seconds.

Americans eat 17,800 pounds of buffalo meat.

Americans sell 750 tons of cauliflower.

We drink 1.5 million gallons of wine. To put all this liquid in one bottle would take a wine bottle 190 feet tall with a base 50 feet wide.

Americans eat 75 acres of pizza. If each pizza was the size of the Roman Colosseum, it would take 13 pizzas. This is enough pizza to cover 60 football fields.

We also eat 12.5 million pounds of cheese. About 85,000 pounds consists of blue cheese, another 700,000 pounds are cream cheese, while 650,000 pounds are Swiss cheese. The two leaders are cheddar and cottage cheese with 5.8 million pounds and 2.5 million pounds respectively.

We throw away or waste more than 200,000 tons of edible food. Try to box all this up and you would need a container that held 8 million cubic feet (a cube 200 feet on each side).

Americans write notes on one million new legal pads. If these pads were spread out on the ground, they would cover more than 14 acres.

We use 187,000 tons of paper and paperboard. If all this paper were made into newsprint, the paper would cover 1,350 square miles--roughly covering Kidder County.

Americans buy 35 million paper clips. This amounts to about 426 bushels. Of the 35 million, we only use about 7 million to clip paper. About 8 or 9 million are lost or swept up and thrown away, while 5 million are ruined while we talk on the telephone.

Americans use 271,000 tons of steel. If all this steel were used to make a solid nail, it would be the size of the Washington Monument.

We erect 31 acres of metal roofing and flashing. Thirty-one acres is about the same size as 10 miles of two-lane highway.

We also produce 33 million pounds of aluminum. If all of this aluminum were used to make foil, you would have 132 square miles of foil, enough to cover a little more than 1/7 of Rolette County.

IN ONE DAY.....(Continued)

About 480 people unsuccessfully try to call the President by telephone.

We also make 1,370,000 telephone calls for recorded messages about the weather. If each call was 30 seconds long, Americans would be spending more than one year's time each day listening to these weather messages.

Americans buy 178,000 pairs of shoes imported from Italy. Yet Italy only buys 3,250 pairs of shoes a day from us.

We do ship 10.5 million pairs of socks and stockings. If all these socks and stockings were hung on a clothesline, it would take 994 miles of line--roughly the distance between Bismarck and Seattle.

The United States experiences four earthquakes that are more than 2.5 on the Richter scale. At least one is strong enough to be felt by our citizens. California by itself has 40 tremors each day.

Lightning bolts strike the United States about 137,000 times. Lightning is responsible for killing 125 people each year and injuring 500 others.

We take more than 5 million amusement park rides. An average of two riders require treatment in a hospital emergency room afterwards.

About 1,500 Americans file for bankruptcy.

We buy 9,300 new water beds that require 1.6 million gallons of water to fill them. This is enough water to fill 3 Olympic-size swimming pools.

About 1,097 Americans have their pockets picked. Nearly 360 have their purses snatched, but 127 of these Americans hang onto their purses, foiling their attackers.

We buy 120,000 new radios. We have about 500 million working radios at present. If these radios were evenly divided among the 50 states, there would be one radio on every five acres of land.

Americans give birth to 196 pairs of twins.

We give off enough body heat to boil 140 million gallons of water.

We spend $1,000,000 on rental tuxedos.

Americans fill in about 30 million crossword puzzles.

We hope that the above facts provide a sense of what we, as Americans, are all about and illustrate the enormous resources necessary to keep our society functioning. I think Mr. Parker has a unique talent of taking dull facts and making them enjoyable. Have a good day!

**Warren M. Boyd**
**Primary Researcher**

# NORTH DAKOTA

(ROUNDED TO FIFTY)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | MAY 1988 | APRIL 1988 | MAY 1987 | APRIL 1988 | MAY 1987 |
| TOTAL | 257,400 | 252,950 | 255,100 | 1.8% | 0.9% |
| MINING | 4,250 | 4,150 | 4,000 | 2.4% | 6.3% |
| COAL | 1,100 | 1,100 | 1,100 | 0.0% | 0.0% |
| CRUDE PET. & NAT. GAS | 2,700 | 2,700 | 2,400 | 0.0% | 12.5% |
| OTHER MINING | 450 | 350 | 500 | 28.6% | -10.0% |
| CONSTRUCTION | 10,200 | 8,200 | 11,600 | 24.4% | -12.1% |
| BUILDING CONSTRUCTION | 2,600 | 2,200 | 2,800 | 18.2% | -7.1% |
| STREET HIGHWAY & HEAVY | 2,800 | 1,700 | 3,400 | 64.7% | -17.6% |
| SPECIAL TRADE CONSTRUCTION | 4,800 | 4,300 | 5,400 | 11.6% | -11.1% |
| MANUFACTURING | 15,950 | 15,850 | 15,550 | 0.6% | 2.6% |
| DURABLE GOODS | 6,650 | 6,600 | 6,600 | 0.8% | 0.8% |
| STONE, CLAY & GLASS | 700 | 550 | 750 | 27.3% | -6.7% |
| PRIMARY & FAB. METALS | 800 | 800 | 750 | 0.0% | 6.7% |
| MACHINERY & TRANS. EQUIP. | 4,000 | 4,000 | 3,800 | 0.0% | 5.3% |
| OTHER DURABLE GOODS | 1,150 | 1,250 | 1,300 | -8.0% | -11.5% |
| NONDURABLE GOODS | 9,300 | 9,250 | 8,950 | 0.5% | 3.9% |
| FOOD & KINDRED PRODUCTS | 4,400 | 4,450 | 4,450 | -1.1% | -1.1% |
| DAIRY PRODUCTS | 800 | 750 | 750 | 6.7% | 6.7% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,400 | 1,650 | 1,700 | -15.2% | -17.6% |
| BAKERY PRODUCTS | 450 | 300 | 350 | 50.0% | 28.6% |
| OTHER FOOD & KINDRED | 1,750 | 1,750 | 1,650 | 0.0% | 6.1% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,300 | 0.0% | 4.3% |
| OTHER NONDURABLE GOODS | 2,500 | 2,400 | 2,200 | 4.2% | 13.6% |
| TRANS. COMM. & UTILITIES | 16,600 | 16,400 | 16,300 | 1.2% | 1.8% |
| TRANSPORTATION | 8,500 | 8,400 | 8,300 | 1.2% | 2.4% |
| TRUCKING & WAREHOUSE | 4,900 | 4,800 | 4,700 | 2.1% | 4.3% |
| OTHER TRANSPORTATION | 3,600 | 3,600 | 3,600 | 0.0% | 0.0% |
| COMMUNICATION | 3,300 | 3,300 | 3,200 | 0.0% | 3.1% |
| UTILITIES | 4,800 | 4,700 | 4,800 | 2.1% | 0.0% |

# NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | MAY 1988 | APRIL 1988 | MAY 1987 | APRIL 1988 | MAY 1987 |
| WHOLESALE TRADE | 19,800 | 19,600 | 19,700 | 1.0% | 0.5% |
| DURABLE GOODS | 9,300 | 9,200 | 9,100 | 1.1% | 2.2% |
| NONDURABLE GOODS | 10,500 | 10,400 | 10,600 | 1.0% | -0.9% |
| RETAIL TRADE | 49,200 | 48,300 | 48,600 | 1.9% | 1.2% |
| GENERAL MERCHANDISE | 6,300 | 6,100 | 6,200 | 3.3% | 1.6% |
| FOOD STORES | 6,700 | 6,600 | 6,700 | 1.5% | 0.0% |
| AUTO DEALERS & SERVICE ST. | 6,600 | 6,600 | 6,700 | 0.0% | -1.5% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,600 | 0.0% | 0.0% |
| OTHER RETAIL | 27,000 | 26,400 | 26,400 | 2.3% | 2.3% |
| FINANCE, INS. & REAL ESTATE | 12,300 | 12,250 | 12,550 | 0.4% | -2.0% |
| FINANCE | 6,600 | 6,600 | 6,900 | 0.0% | -4.3% |
| BANKING | 4,100 | 4,100 | 4,200 | 0.0% | -2.4% |
| OTHER FINANCE | 2,500 | 2,500 | 2,700 | 0.0% | -7.4% |
| INSURANCE | 3,900 | 3,900 | 3,800 | 0.0% | 2.6% |
| REAL ESTATE | 1,800 | 1,750 | 1,850 | 2.9% | -2.7% |
| SERVICES | 63,200 | 63,000 | 60,600 | 0.3% | 4.3% |
| LODGING | 4,200 | 4,100 | 4,200 | 2.4% | 0.0% |
| HEALTH SERVICES | 26,800 | 26,700 | 26,000 | 0.4% | 3.1% |
| NURSING CARE & HOSPITALS | 19,700 | 19,600 | 19,200 | 0.5% | 2.6% |
| OTHER MEDICAL SERVICES | 7,100 | 7,100 | 6,800 | 0.0% | 4.4% |
| OTHER SERVICES | 32,200 | 32,200 | 30,400 | 0.0% | 5.9% |
| GOVERNMENT | 65,900 | 65,200 | 66,200 | 1.1% | -0.5% |
| FEDERAL | 10,100 | 10,100 | 10,200 | 0.0% | -1.0% |
| STATE GOVERNMENT | 20,100 | 19,800 | 20,300 | 1.5% | -1.0% |
| EDUCATIONAL SERVICES | 13,000 | 13,000 | 13,100 | 0.0% | -0.8% |
| OTHER STATE GOVERNMENT | 7,100 | 6,800 | 7,200 | 4.4% | -1.4% |
| LOCAL GOVERNMENT | 35,700 | 35,300 | 35,700 | 1.1% | 0.0% |
| EDUCATIONAL SERVICES | 17,900 | 17,900 | 17,900 | 0.0% | 0.0% |
| OTHER LOCAL GOVERNMENT | 17,800 | 17,400 | 17,800 | 2.3% | 0.0% |

## NONAGRICULTURAL

## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | MAY 1988 | APRIL 1988 | MAY 1987 | APRIL 1988 | MAY 1987 |
| TOTAL | 74,250 | 73,150 | 71,900 | 1.5% | 3.3% |
| MINING CONSTRUCTION | 3,700 | 3,000 | 3,700 | 23.3% | 0.0% |
| MANUFACTURING | 4,950 | 4,950 | 4,900 | 0.0% | 1.0% |
| DURABLE GOODS | 2,100 | 2,100 | 2,100 | 0.0% | 0.0% |
| NONDURABLE GOODS | 2,850 | 2,850 | 2,800 | 0.0% | 1.8% |
| TRANS., COMM. & UTILITIES | 4,800 | 4,700 | 4,400 | 2.1% | 9.1% |
| TRADE | 21,700 | 21,400 | 21,100 | 1.4% | 2.8% |
| WHOLESALE TRADE | 6,700 | 6,600 | 6,700 | 1.5% | 0.0% |
| RETAIL TRADE | 15,000 | 14,800 | 14,400 | 1.4% | 4.2% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,600 | 4,400 | 0.0% | 4.5% |
| SERVICES | 19,900 | 20,000 | 19,000 | -0.5% | 4.7% |
| GOVERNMENT | 14,600 | 14,500 | 14,400 | 0.7% | 1.4% |
| FEDERAL | 2,200 | 2,200 | 2,200 | 0.0% | 0.0% |
| STATE & LOCAL | 12,400 | 12,300 | 12,200 | 0.8% | 1.6% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 30,800 | 30,300 | 30,700 | 1.7% | 0.3% |
| MINING & CONSTRUCTION | 1,600 | 1,200 | 1,850 | 33.3% | -13.5% |
| MANUFACTURING | 1,800 | 1,850 | 1,750 | -2.7% | 2.9% |
| TRANS., COMM. & UTILITIES | 1,500 | 1,450 | 1,550 | 3.4% | -3.2% |
| TRADE | 8,450 | 8,350 | 8,400 | 1.2% | 0.6% |
| WHOLESALE TRADE | 1,550 | 1,550 | 1,500 | 0.0% | 3.3% |
| RETAIL TRADE | 6,900 | 6,800 | 6,900 | 1.5% | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,150 | 1,150 | 1,150 | 0.0% | 0.0% |
| SERVICES | 6,900 | 6,900 | 6,700 | 0.0% | 3.0% |
| GOVERNMENT | 9,400 | 9,400 | 9,300 | 0.0% | 1.1% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 37,250 | 36,800 | 36,750 | 1.2% | 1.4% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,600 | 1,250 | 1,750 | 28.0% | -8.6% |
| MANUFACTURING | 2,000 | 2,000 | 1,950 | 0.0% | 2.6% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,800 | 9,700 | 9,900 | 1.0% | -1.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 7,700 | 7,600 | 7,700 | 1.3% | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,650 | 1,650 | 1,650 | 0.0% | 0.0% |
| SERVICES | 10,700 | 10,800 | 10,300 | -0.9% | 3.9% |
| GOVERNMENT | 8,600 | 8,500 | 8,400 | 1.2% | 2.4% |

---

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

(1982-84=100)

| | Annual Average 1987 | May 1988 | April 1988 | May 1987 | Percent Change From April 1988 | Percent Change From May 1987 |
|---|---|---|---|---|---|---|
| All Items | 113.6 | 117.5 | 117.1 | 113.1 | 0.3% | 3.9% |
| Food & Beverage | 113.5 | 117.1 | 116.7 | 113.3 | 0.3% | 3.4% |
| Housing | 114.2 | 117.7 | 117.3 | 113.6 | 0.3% | 3.6% |
| Apparel & Upkeep | 110.6 | 116.3 | 117.0 | 111.1 | -0.6% | 4.7% |
| Transportation | 105.4 | 108.1 | 107.2 | 104.7 | 0.8% | 3.2% |
| Medical Care | 130.1 | 137.5 | 136.9 | 129.2 | 0.4% | 6.4% |
| Entertainment | 115.3 | 119.7 | 119.6 | 114.8 | 0.1% | 4.3% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1987 | May 1988 | April 1988 | May 1987 | Percent Change From April 1988 | Percent Change From May 1987 |
|---|---|---|---|---|---|---|
| All Commodities | 102.8 | 106.5 | 105.8 | 102.6 | 0.7% | 3.8% |
| Farm Products & Processed Food and Feeds | 103.7 | 108.1 | 106.5 | 105.9 | 1.5% | 2.1% |
| Industrial Commodities | 102.6 | 106.1 | 105.6 | 101.9 | 0.5% | 4.1% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 415.74 | 414.51 | 403.68 | 41.0 | 41.0 | 40.9 | 10.14 | 10.11 | 9.87 |
| Durable Goods | 446.01 | 444.11 | 431.60 | 41.8 | 41.7 | 41.5 | 10.67 | 10.65 | 10.40 |
| Nondurable Goods | 375.60 | 373.46 | 366.11 | 40.0 | 39.9 | 40.1 | 9.39 | 9.36 | 9.13 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 322.79 | 321.48 | 327.02 | 38.2 | 38.0 | 38.7 | 8.45 | 8.46 | 8.45 |
| Durable Goods | 357.86 | 345.79 | 356.53 | 40.3 | 39.7 | 40.7 | 8.88 | 8.71 | 8.76 |
| Nondurable Goods | 298.82 | 303.88 | 305.86 | 36.8 | 36.7 | 37.3 | 8.12 | 8.28 | 8.20 |
| Food & Kindred | 299.21 | 303.94 | 305.05 | 36.4 | 36.4 | 37.8 | 8.22 | 8.35 | 8.07 |
| Printing and Publishing | 265.33 | 263.33 | 258.41 | 31.4 | 31.2 | 30.8 | 8.45 | 8.44 | 8.39 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 317.53 | 314.25 | 318.57 | 37.4 | 37.5 | 37.7 | 8.49 | 8.38 | 8.45 |
| Durable Goods | 321.34 | 317.85 | 333.96 | 38.3 | 39.0 | 39.9 | 8.39 | 8.15 | 8.37 |
| Nondurable Goods | 314.03 | 312.31 | 306.72 | 36.6 | 36.4 | 36.0 | 8.58 | 8.58 | 8.52 |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 |
| Divide | 1,421 | 1,418 | 1,482 | 1,396 | 1,360 | 1,448 | 25 | 58 | 34 | 1.8% | 4.1% | 2.3% |
| McKenzie | 2,954 | 2,904 | 3,148 | 2,858 | 2,784 | 2,933 | 96 | 120 | 215 | 3.2% | 4.1% | 6.8% |
| Williams | 10,858 | 10,641 | 11,615 | 10,344 | 10,036 | 10,543 | 514 | 605 | 1,072 | 4.7% | 5.7% | 9.2% |
| REGION 1 | 15,233 | 14,963 | 16,245 | 14,598 | 14,180 | 14,924 | 635 | 783 | 1,321 | 4.2% | 5.2% | 8.1% |
| Bottineau | 3,641 | 3,560 | 3,767 | 3,493 | 3,372 | 3,571 | 148 | 188 | 196 | 4.1% | 5.3% | 5.2% |
| Burke | 1,395 | 1,352 | 1,511 | 1,347 | 1,298 | 1,405 | 48 | 54 | 106 | 3.4% | 4.0% | 7.0% |
| McHenry | 2,771 | 2,814 | 2,909 | 2,557 | 2,475 | 2,626 | 214 | 339 | 283 | 7.7% | 12.0% | 9.7% |
| Mountrail | 3,310 | 3,294 | 3,398 | 3,128 | 3,096 | 3,147 | 182 | 198 | 251 | 5.5% | 6.0% | 7.4% |
| Pierce | 2,543 | 2,456 | 2,619 | 2,457 | 2,368 | 2,516 | 86 | 88 | 103 | 3.4% | 3.6% | 3.9% |
| Renville | 1,292 | 1,278 | 1,339 | 1,244 | 1,218 | 1,264 | 48 | 60 | 75 | 3.7% | 4.7% | 5.6% |
| Ward | 25,670 | 25,312 | 25,857 | 24,556 | 23,974 | 24,565 | 1,114 | 1,338 | 1,292 | 4.3% | 5.3% | 5.0% |
| REGION 2 | 40,622 | 40,066 | 41,400 | 38,782 | 37,801 | 39,094 | 1,840 | 2,265 | 2,306 | 4.5% | 5.7% | 5.6% |
| Benson | 3,153 | 3,145 | 3,335 | 3,012 | 2,968 | 3,016 | 141 | 177 | 319 | 4.5% | 5.6% | 9.6% |
| Cavalier | 2,780 | 2,745 | 2,808 | 2,645 | 2,553 | 2,659 | 135 | 192 | 149 | 4.9% | 7.0% | 5.3% |
| Eddy | 1,465 | 1,463 | 1,579 | 1,360 | 1,319 | 1,416 | 105 | 144 | 163 | 7.2% | 9.8% | 10.3% |
| Ramsey | 6,650 | 6,545 | 6,777 | 6,411 | 6,234 | 6,436 | 239 | 311 | 341 | 3.6% | 4.8% | 5.0% |
| Rolette | 4,837 | 4,830 | 5,137 | 4,026 | 3,937 | 4,438 | 811 | 893 | 699 | 16.8% | 18.5% | 13.6% |
| Towner | 1,804 | 1,822 | 1,836 | 1,769 | 1,776 | 1,794 | 35 | 46 | 42 | 1.9% | 2.5% | 2.3% |
| REGION 3 | 20,689 | 20,550 | 21,472 | 19,223 | 18,787 | 19,759 | 1,466 | 1,763 | 1,713 | 7.1% | 8.6% | 8.0% |
| Grand Forks | 37,395 | 36,591 | 37,031 | 36,171 | 35,335 | 35,821 | 1,224 | 1,256 | 1,210 | 3.3% | 3.4% | 3.3% |
| Nelson | 1,954 | 1,979 | 2,035 | 1,862 | 1,848 | 1,937 | 92 | 131 | 98 | 4.7% | 6.6% | 4.8% |
| Pembina | 5,045 | 4,995 | 5,115 | 4,742 | 4,590 | 4,713 | 303 | 405 | 402 | 6.0% | 8.1% | 7.9% |
| Walsh | 8,036 | 7,970 | 8,113 | 7,745 | 7,611 | 7,757 | 291 | 359 | 356 | 3.6% | 4.5% | 4.4% |
| REGION 4 | 52,430 | 51,535 | 52,294 | 50,520 | 49,384 | 50,228 | 1,910 | 2,151 | 2,066 | 3.6% | 4.2% | 4.0% |
| Cass | 61,011 | 60,317 | 60,037 | 59,815 | 58,766 | 58,402 | 1,196 | 1,551 | 1,635 | 2.0% | 2.6% | 2.7% |
| Ransom | 2,746 | 2,720 | 2,764 | 2,671 | 2,621 | 2,699 | 75 | 99 | 65 | 2.7% | 3.6% | 2.4% |
| Richland | 8,666 | 8,587 | 8,649 | 8,370 | 8,260 | 8,252 | 296 | 327 | 397 | 3.4% | 3.8% | 4.6% |
| Sargent | 2,537 | 2,454 | 2,570 | 2,471 | 2,386 | 2,481 | 66 | 68 | 89 | 2.6% | 2.8% | 3.5% |
| Steele | 1,220 | 1,183 | 1,253 | 1,192 | 1,141 | 1,195 | 28 | 42 | 58 | 2.3% | 3.6% | 4.6% |
| Traill | 4,371 | 4,298 | 4,485 | 4,178 | 4,087 | 4,287 | 193 | 211 | 198 | 4.4% | 4.9% | 4.4% |
| REGION 5 | 80,551 | 79,559 | 79,758 | 78,697 | 77,261 | 77,316 | 1,854 | 2,298 | 2,442 | 2.3% | 2.9% | 3.1% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 | May 1988 | Apr 1988 | May 1987 |
| Barnes | 6,144 | 6,000 | 6,208 | 5,909 | 5,737 | 5,983 | 235 | 263 | 225 | 3.8% | 4.4% | 3.6% |
| Dickey | 3,200 | 3,168 | 3,375 | 3,092 | 3,030 | 3,230 | 108 | 138 | 145 | 3.4% | 4.4% | 4.3% |
| Foster | 2,202 | 2,173 | 2,229 | 2,121 | 2,078 | 2,123 | 81 | 95 | 106 | 3.7% | 4.4% | 4.8% |
| Griggs | 1,534 | 1,502 | 1,564 | 1,503 | 1,454 | 1,531 | 31 | 48 | 33 | 2.0% | 3.2% | 2.1% |
| La Moure | 2,454 | 2,406 | 2,578 | 2,380 | 2,274 | 2,491 | 74 | 132 | 87 | 3.0% | 5.5% | 3.4% |
| Logan | 1,462 | 1,454 | 1,509 | 1,429 | 1,408 | 1,471 | 33 | 46 | 38 | 2.3% | 3.2% | 2.5% |
| McIntosh | 2,302 | 2,259 | 2,316 | 2,273 | 2,217 | 2,268 | 29 | 42 | 48 | 1.3% | 1.9% | 2.1% |
| Stutsman | 12,089 | 12,175 | 12,215 | 11,726 | 11,674 | 11,701 | 363 | 501 | 514 | 3.0% | 4.1% | 4.2% |
| Wells | 2,978 | 2,930 | 3,060 | 2,830 | 2,738 | 2,903 | 148 | 192 | 157 | 5.0% | 6.6% | 5.1% |
| REGION 6 | 34,365 | 34,067 | 35,054 | 33,263 | 32,610 | 33,701 | 1,102 | 1,457 | 1,353 | 3.2% | 4.3% | 3.9% |
| Burleigh | 32,389 | 31,985 | 32,603 | 31,116 | 30,562 | 31,176 | 1,273 | 1,423 | 1,427 | 3.9% | 4.4% | 4.4% |
| Emmons | 2,214 | 2,146 | 2,295 | 2,111 | 2,039 | 2,189 | 103 | 107 | 106 | 4.7% | 5.0% | 4.6% |
| Grant | 1,989 | 1,922 | 2,032 | 1,923 | 1,856 | 1,955 | 66 | 66 | 77 | 3.3% | 3.4% | 3.8% |
| Kidder | 1,546 | 1,555 | 1,613 | 1,465 | 1,423 | 1,503 | 81 | 132 | 110 | 5.2% | 8.5% | 6.8% |
| McLean | 5,112 | 4,965 | 5,081 | 4,915 | 4,718 | 4,826 | 197 | 247 | 255 | 3.9% | 5.0% | 5.0% |
| Mercer | 5,467 | 5,375 | 5,550 | 5,209 | 5,020 | 5,218 | 258 | 355 | 332 | 4.7% | 6.6% | 6.0% |
| Morton | 11,920 | 11,900 | 11,998 | 11,400 | 11,198 | 11,423 | 520 | 702 | 575 | 4.4% | 5.9% | 4.8% |
| Oliver | 1,144 | 1,104 | 1,158 | 1,109 | 1,043 | 1,108 | 35 | 61 | 50 | 3.1% | 5.5% | 4.3% |
| Sheridan | 1,183 | 1,154 | 1,218 | 1,129 | 1,096 | 1,160 | 54 | 58 | 58 | 4.6% | 5.0% | 4.8% |
| Sioux | 1,373 | 1,355 | 1,387 | 1,313 | 1,283 | 1,289 | 60 | 72 | 98 | 4.4% | 5.3% | 7.1% |
| REGION 7 | 64,337 | 63,461 | 64,935 | 61,690 | 60,238 | 61,847 | 2,647 | 3,223 | 3,088 | 4.1% | 5.1% | 4.8% |
| Adams | 1,695 | 1,674 | 1,785 | 1,665 | 1,634 | 1,736 | 30 | 40 | 49 | 1.8% | [illegible] | 2.7% |
| Billings | 755 | 621 | 828 | 734 | 588 | 796 | 21 | 33 | 32 | 2.8% | [illegible] | 3.9% |
| Bowman | 2,143 | 2,114 | 2,212 | 2,096 | 2,048 | 2,121 | 47 | 66 | 91 | 2.2% | 3.1% | 4.1% |
| Dunn | 1,756 | 1,741 | 1,860 | 1,655 | 1,597 | 1,712 | 101 | 144 | 148 | 5.8% | 8.3% | 8.0% |
| Golden Valley | 1,025 | 1,011 | 1,069 | 1,005 | 979 | 1,041 | 20 | 32 | 28 | 2.0% | 3.2% | 2.6% |
| Hettinger | 1,953 | 1,918 | 2,005 | 1,871 | 1,799 | 1,899 | 82 | 119 | 106 | 4.2% | 6.2% | 5.3% |
| Slope | 443 | 456 | 481 | 433 | 429 | 448 | 10 | 27 | 33 | 2.3% | 5.9% | 6.9% |
| Stark | 11,523 | 11,346 | 11,948 | 11,033 | 10,775 | 11,243 | 490 | 571 | 705 | 4.3% | 5.0% | 5.9% |
| REGION 8 | 21,293 | 20,881 | 22,188 | 20,492 | 19,849 | 20,996 | 801 | 1,032 | 1,192 | 3.8% | 4.9% | 5.4% |
| STATE TOTAL | 329,520 | 325,082 | 333,346 | 317,265 | 310,110 | 317,865 | 12,255 | 14,972 | 15,481 | 3.7% | 4.6% | 4.6% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | May 1988 | April 1988 | May 1987 | Percent Change From April 1988 | Percent Change From May 1987 |
|---|---|---|---|---|---|
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 122,692 | 123,055 | 121,633 | -0.3% | 0.9% |
| Employment | 115,909 | 116,445 | 114,060 | -0.5% | 1.6% |
| Unemployment | 6,783 | 6,610 | 7,573 | 2.6% | -10.4% |
| Unemployment Rate | 5.5% | 5.4% | 6.2% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 329,530 | 325,080 | 333,350 | 1.4% | -1.1% |
| Employment | 317,270 | 310,110 | 317,870 | 2.3% | -0.2% |
| Unemployment | 12,260 | 14,970 | 15,480 | -18.1% | -20.8% |
| Unemployment Rate | 3.7% | 4.6% | 4.6% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 87,230 | 86,500 | 85,430 | 0.8% | 2.1% |
| Employment | 85,300 | 83,870 | 82,680 | 1.7% | 3.2% |
| Unemployment | 1,930 | 2,630 | 2,750 | -26.6% | -29.8% |
| Unemployment Rate | 2.2% | 3.0% | 3.2% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 37,390 | 36,600 | 37,030 | 2.2% | 1.0% |
| Employment | 36,170 | 35,340 | 35,820 | 2.3% | 1.0% |
| Unemployment | 1,220 | 1,260 | 1,210 | -3.2% | 0.8% |
| Unemployment Rate | 3.3% | 3.4% | 3.3% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 44,310 | 43,890 | 44,600 | 1.0% | -0.7% |
| Employment | 42,520 | 41,760 | 42,600 | 1.8% | -0.2% |
| Unemployment | 1,790 | 2,130 | 2,000 | -16.0% | -10.5% |
| Unemployment Rate | 4.0% | 4.8% | 4.5% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### APRIL 1988
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 325.1 | 358.5 | 2,308.0 | 408.0 |
| Employment | 310.1 | 348.7 | 2,221.0 | 376.9 |
| Unemployment | 15.0 | 9.8 | 87.0 | 31.1 |
| Unemployment Rate | 4.6% | 2.7% | 3.8% | 7.6% |

# DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

DEVILS LAKE
301 College Drive
Phone: 662-2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street S
Phone: 237-7113

GRAND FORKS
2016 S Washington
Phone: 777-3711

GRAFTON
728 Hill Avenue S
Phone: 352-2202

JAMESTOWN
429 Second Street SW
Phone: 251-2256

MANDAN
501 First Street NW
Phone: 663-6461

MINOT
3416 N Broadway
Phone: 852-2164

VALLEY CITY
2425 W Main
Phone: 845-7261

WAHPETON
524 Second Avenue N
Phone: 671-2711

WILLISTON
422 First Avenue W
Phone: 572-7771

BEULAH
119 E Main
Phone: 873-5607

ROLLA
103 E Main
Phone: 477-5631

NDSU--Fargo
Placement Bureau
Memorial Union Building
Phone: 237-7111

NEW TOWN
Tribal Administration Bldg.
Phone: 627-4390

UND--Grand Forks
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _______ and return this page to the above address.

8/8/88

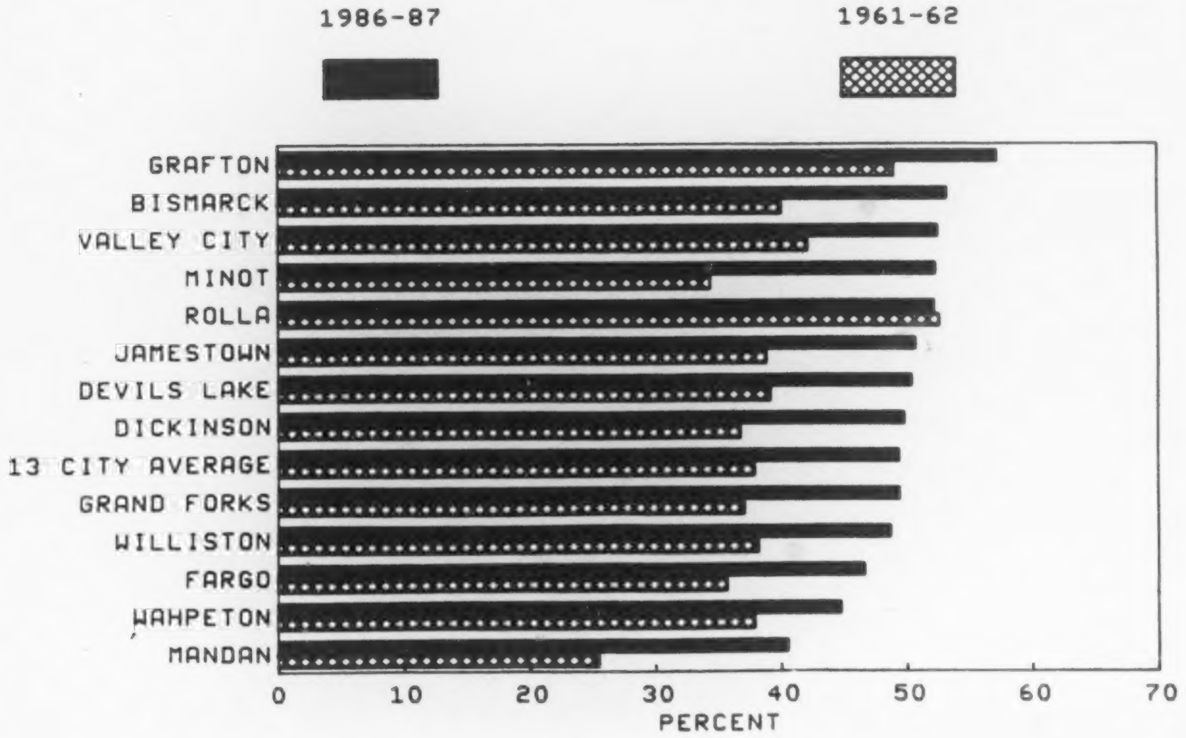
56140-4

# NORTH DAKOTA LABOR MARKET ADVISOR

JUNE 1988

VOLUME 4, NUMBER 6

## FEMALE EMPLOYMENT AS A PERCENT OF EACH CITY'S TOTAL EMPLOYMENT



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

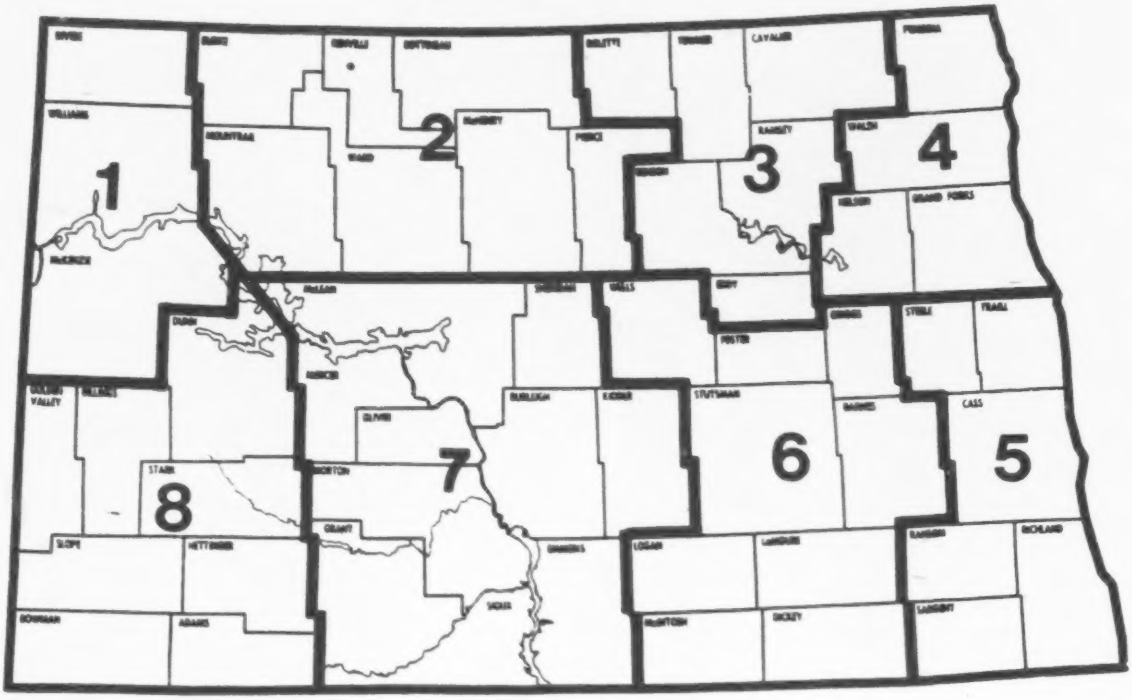
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA


1
2
3
4
5
6
7
8
CAVALIER
GRAND FORKS
STUTSMAN
CASS
STARK
GOLDEN VALLEY
BURLEIGH
MORTON
GRANT
LOGAN

STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# WOMEN IN THE WORKPLACE

## A 25-YEAR COMPARISON

The March 1988 edition of the Labor Market Advisor contained an article comparing the employment data from local employment surveys of the past 25 years in 13 of North Dakota's largest cities. In addition to showing substantial employment growth, North Dakota's cities have seen significant changes in the composition of their labor force. One of the most notable is the tremendous increase in the number of female workers.

While total employment grew by 123 percent during the past 25 years in these 13 cities, female employment increased by 198 percent. Put another way, women accounted for 37.1 percent of the total employment in the surveyed communities in 1961-62. By 1986-87, the figure had risen to 49.4 percent.

North Dakota's women workers have made some inroads to industries which have high concentrations of blue collar and other traditional male occupations. The percentage of female employees in construction rose from 4.0 in 1961-62 to 8.4 in 1986-87; in manufacturing from 22.1 to 25.8; and in transportation, communication, and public utilities from 18.9 to 25.4. The percentage in mining, however, decreased from 16.9 to 12.8.

Still, the largest concentrations of female employees are found in the services; finance, insurance, and real estate; government; and trade industries. The services industry, whose percent of female employees rose from 66.2 in 1961-62 to 70.1 in 1986-87, and the finance, insurance, and real estate industry, whose percent rose from 51.5 to 64.4, are the only two industries where more than half of their employees are women. Government had the largest change in the percentage, increasing from 34.8 to 48.2 during the past 25 years. Trade rose from 37.7 to 47.1 percent over the same period.

A look at the industry mix of the local economies partially explains the variance in the percentage of women workers from city to city. In 1986-87, seven cities--Grafton, Bismarck, Valley City, Minot, Rolla, Jamestown, and Devils Lake--were all over the symbolic 50 percent mark. Each of these cities has proportionately large services, retail trade, and government industries. Grafton, where government is the dominant industry because of the Grafton State School, has the highest proportion of female workers--57.2 percent. Conversely, Mandan, with relatively large construction, manufacturing, and transportation, communication, and public utilities industries, had the lowest--40.5 percent.

The influx of women into the labor market is evident when comparing these 1986-87 numbers with the 1961-62 figures. Twenty-five years ago, the percent of female workers ranged from a low of 25.5 in Mandan to a high of 52.6 percent in Rolla, with most of the remaining cities in the 35-40 percent bracket. Minot's female percentage rose from 34.4 to 52.3, for the largest change in the percent of female employment. In all, 10 of the 13 cities saw the percentage of women workers increase by at least 10 points.

When comparing these figures, it is important to remember that the local employment surveys measure city employment only. Rural areas, with limited availability of jobs traditionally held by women such as office clerical positions, usually have a much lower percentage of women in their labor force.

Census data shows that women outnumber men in these cities, further indicating that women may tend to be drawn to locations with the greatest potential for jobs. Additionally, these figures are for nonagricultural wage and salary workers only. The category of self-employed individuals, which generally has a lower percentage of females, is not included.

The increased number of farm wives working in nearby cities to supplement farm income has been suggested as a reason for the higher female percentages.

Also contributing to the growth in the number of female workers in North Dakota cities, is the increased usage of part-time workers by many employers. Recent surveys showed that about two-thirds of the part-time workers in North Dakota are women. Not surprisingly, the highest concentrations of the traditional female jobs are in the faster growing services, retail trade, and finance, insurance, and real estate industries--those with the highest percentage of part-time workers.

We're probably all aware of the growing number of women entering the labor market, but perhaps we underestimated the magnitude of the trend. As noted in the comparisons above, the percent of the total employment comprised of women rose, on the average, about 1 percent every two years. While its doubtful this rate of growth will continue, it is a safe assumption that working women will increase in number and in their impact on North Dakota's labor market.

Copies of any local employment survey can be obtained by contacting the Research and Statistics Section of Job Service at the address on the back page or by calling toll-free 1-800-732-9787 in North Dakota. Individuals in the Bismarck-Mandan area or out of state should call 701-224-2868.

**Duane Broschat**
**Research Analyst**

## NORTH DAKOTA

(ROUNDED TO FIFTY)

| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| INDUSTRIES | JUNE 1988 | MAY 1988 | JUNE 1987 | MAY 1988 | JUNE 1987 |
| TOTAL | 258,450 | 257,400 | 255,550 | 0.4% | 1.1% |
| MINING | 4,400 | 4,250 | 4,050 | 3.5% | 8.6% |
| COAL | 1,100 | 1,100 | 1,100 | 0.0% | 0.0% |
| CRUDE PET. & NAT. GAS | 2,800 | 2,700 | 2,400 | 3.7% | 16.7% |
| OTHER MINING | 500 | 450 | 550 | 11.1% | -9.1% |
| CONSTRUCTION | 11,300 | 10,200 | 12,600 | 10.8% | -10.3% |
| BUILDING CONSTRUCTION | 3,000 | 2,600 | 3,200 | 15.4% | -6.3% |
| STREET HIGHWAY & HEAVY | 3,200 | 2,800 | 3,700 | 14.3% | -13.5% |
| SPECIAL TRADE CONSTRUCTION | 5,100 | 4,800 | 5,700 | 6.3% | -10.5% |
| MANUFACTURING | 16,000 | 15,850 | 15,900 | 0.9% | 0.6% |
| DURABLE GOODS | 6,850 | 6,700 | 6,800 | 2.2% | 0.7% |
| STONE, CLAY & GLASS | 800 | 750 | 850 | 6.7% | -5.9% |
| PRIMARY & FAB. METALS | 900 | 800 | 800 | 12.5% | 12.5% |
| MACHINERY & TRANS. EQUIP. | 4,000 | 4,000 | 3,900 | 0.0% | 2.6% |
| OTHER DURABLE GOODS | 1,150 | 1,150 | 1,250 | 0.0% | -8.0% |
| NONDURABLE GOODS | 9,150 | 9,150 | 9,100 | 0.0% | 0.5% |
| FOOD & KINDRED PRODUCTS | 4,250 | 4,250 | 4,500 | 0.0% | -5.6% |
| DAIRY PRODUCTS | 800 | 800 | 800 | 0.0% | 0.0% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,250 | 1,250 | 1,700 | 0.0% | -26.5% |
| BAKERY PRODUCTS | 500 | 450 | 350 | 11.1% | 42.9% |
| OTHER FOOD & KINDRED | 1,700 | 1,750 | 1,650 | -2.9% | 3.0% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,400 | 0.0% | 0.0% |
| OTHER NONDURABLE GOODS | 2,500 | 2,500 | 2,200 | 0.0% | 13.6% |
| TRANS. COMM. & UTILITIES | 16,800 | 16,700 | 16,200 | 0.6% | 3.7% |
| TRANSPORTATION | 8,500 | 8,500 | 8,200 | 0.0% | 3.7% |
| TRUCKING & WAREHOUSE | 5,100 | 4,900 | 4,800 | 4.1% | 6.3% |
| OTHER TRANSPORTATION | 3,400 | 3,600 | 3,400 | -5.6% | 0.0% |
| COMMUNICATION | 3,400 | 3,400 | 3,200 | 0.0% | 6.3% |
| UTILITIES | 4,900 | 4,800 | 4,800 | 2.1% | 2.1% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

|  | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| INDUSTRIES | JUNE 1988 | MAY 1988 | JUNE 1987 | MAY 1988 | JUNE 1987 |
| WHOLESALE TRADE | 20,000 | 19,800 | 19,800 | 1.0% | 1.0% |
| DURABLE GOODS | 9,400 | 9,300 | 9,200 | 1.1% | 2.2% |
| NONDURABLE GOODS | 10,600 | 10,500 | 10,600 | 1.0% | 0.0% |
| RETAIL TRADE | 49,400 | 49,200 | 48,700 | 0.4% | 1.4% |
| GENERAL MERCHANDISE | 6,300 | 6,300 | 6,100 | 0.0% | 3.3% |
| FOOD STORES | 6,700 | 6,700 | 6,700 | 0.0% | 0.0% |
| AUTO DEALERS & SERVICE ST. | 6,700 | 6,600 | 6,800 | 1.5% | -1.5% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,600 | 0.0% | 0.0% |
| OTHER RETAIL | 27,100 | 27,000 | 26,500 | 0.4% | 2.3% |
| FINANCE, INS. & REAL ESTATE | 12,450 | 12,300 | 12,700 | 1.2% | -2.0% |
| FINANCE | 6,600 | 6,600 | 6,900 | 0.0% | -4.3% |
| BANKING | 4,100 | 4,100 | 4,200 | 0.0% | -2.4% |
| OTHER FINANCE | 2,500 | 2,500 | 2,700 | 0.0% | -7.4% |
| INSURANCE | 4,000 | 3,900 | 3,900 | 2.6% | 2.6% |
| REAL ESTATE | 1,850 | 1,800 | 1,900 | 2.8% | -2.6% |
| SERVICES | 63,600 | 63,200 | 61,000 | 0.6% | 4.3% |
| LODGING | 4,200 | 4,200 | 4,300 | 0.0% | -2.3% |
| HEALTH SERVICES | 27,100 | 26,800 | 26,400 | 1.1% | 2.7% |
| NURSING CARE & HOSPITALS | 19,900 | 19,700 | 19,500 | 1.0% | 2.1% |
| OTHER MEDICAL SERVICES | 7,200 | 7,100 | 6,900 | 1.4% | 4.3% |
| OTHER SERVICES | 32,300 | 32,200 | 30,300 | 0.3% | 6.6% |
| GOVERNMENT | 64,500 | 65,900 | 64,600 | -2.1% | -0.2% |
| FEDERAL | 10,300 | 10,100 | 10,400 | 2.0% | -1.0% |
| STATE GOVERNMENT | 18,700 | 20,100 | 18,900 | -7.0% | -1.1% |
| EDUCATIONAL SERVICES | 11,300 | 13,000 | 11,400 | -13.1% | -0.9% |
| OTHER STATE GOVERNMENT | 7,400 | 7,100 | 7,500 | 4.2% | -1.3% |
| LOCAL GOVERNMENT | 35,500 | 35,700 | 35,300 | -0.6% | 0.6% |
| EDUCATIONAL SERVICES | 15,800 | 17,900 | 15,700 | -11.7% | 0.6% |
| OTHER LOCAL GOVERNMENT | 19,700 | 17,800 | 19,600 | 10.7% | 0.5% |

# NONAGRICULTURAL

# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | JUNE 1988 | MAY 1988 | JUNE 1987 | MAY 1988 | JUNE 1987 |
| TOTAL | 73,050 | 74,200 | 70,500 | -1.5% | 3.6% |
| MINING CONSTRUCTION | 4,100 | 3,700 | 4,000 | 10.8% | 2.5% |
| MANUFACTURING | 5,050 | 4,900 | 5,000 | 3.1% | 1.0% |
| DURABLE GOODS | 2,200 | 2,100 | 2,200 | 4.8% | 0.0% |
| NONDURABLE GOODS | 2,850 | 2,800 | 2,800 | 1.8% | 1.8% |
| TRANS., COMM. & UTILITIES | 4,900 | 4,800 | 4,400 | 2.1% | 11.4% |
| TRADE | 21,700 | 21,700 | 21,100 | 0.0% | 2.8% |
| WHOLESALE TRADE | 6,700 | 6,700 | 6,700 | 0.0% | 0.0% |
| RETAIL TRADE | 15,000 | 15,000 | 14,400 | 0.0% | 4.2% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,600 | 4,500 | 0.0% | 2.2% |
| SERVICES | 19,100 | 19,900 | 18,300 | -4.0% | 4.4% |
| GOVERNMENT | 13,600 | 14,600 | 13,200 | -6.8% | 3.0% |
| FEDERAL | 2,100 | 2,200 | 2,200 | -4.5% | -4.5% |
| STATE & LOCAL | 11,500 | 12,400 | 11,000 | -7.3% | 4.5% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 29,550 | 30,700 | 29,300 | -3.7% | 0.9% |
| MINING & CONSTRUCTION | 1,650 | 1,500 | 1,900 | 10.0% | -13.2% |
| MANUFACTURING | 1,800 | 1,800 | 1,700 | 0.0% | 5.9% |
| TRANS., COMM. & UTILITIES | 1,500 | 1,500 | 1,550 | 0.0% | -3.2% |
| TRADE | 8,250 | 8,450 | 8,200 | -2.4% | 0.6% |
| WHOLESALE TRADE | 1,550 | 1,550 | 1,500 | 0.0% | 3.3% |
| RETAIL TRADE | 6,700 | 6,900 | 6,700 | -2.9% | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,150 | 1,150 | 1,150 | 0.0% | 0.0% |
| SERVICES | 6,900 | 6,900 | 6,700 | 0.0% | 3.0% |
| GOVERNMENT | 8,300 | 9,400 | 8,100 | -11.7% | 2.5% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 37,550 | 37,250 | 37,200 | 0.8% | 0.9% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,700 | 1,600 | 1,800 | 6.3% | -5.6% |
| MANUFACTURING | 2,000 | 2,000 | 2,000 | 0.0% | 0.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,900 | 9,800 | 9,900 | 1.0% | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 7,800 | 7,700 | 7,700 | 1.3% | 1.3% |
| FINANCE, INS. & REAL ESTATE | 1,650 | 1,650 | 1,700 | 0.0% | -2.9% |
| SERVICES | 10,700 | 10,700 | 10,300 | 0.0% | 3.9% |
| GOVERNMENT | 8,700 | 8,600 | 8,700 | 1.2% | 0.0% |

## U. S. CONSUMER PRICE INDEX
## ALL URBAN CONSUMERS

(1982-84=100)

| | Annual Average 1987 | June 1988 | May 1988 | June 1987 | Percent Change From May 1988 | Percent Change From June 1987 |
|---|---|---|---|---|---|---|
| All Items | 113.6 | 118.0 | 117.5 | 113.5 | 0.4% | 4.0% |
| Food & Beverage | 113.5 | 117.6 | 117.1 | 113.8 | 0.4% | 3.3% |
| Housing | 114.2 | 118.6 | 117.7 | 114.3 | 0.8% | 3.8% |
| Apparel & Upkeep | 110.6 | 114.6 | 116.3 | 109.3 | -1.5% | 4.8% |
| Transportation | 105.4 | 108.5 | 108.1 | 105.4 | 0.4% | 2.9% |
| Medical Care | 130.1 | 138.2 | 137.5 | 129.9 | 0.5% | 6.4% |
| Entertainment | 115.3 | 120.1 | 119.7 | 114.9 | 0.3% | 4.5% |

## PRODUCER PRICE INDEX
## UNITED STATES AVERAGE

| | Annual Average 1987 | June 1988 | May 1988 | June 1987 | Percent Change From May 1988 | Percent Change From June 1987 |
|---|---|---|---|---|---|---|
| All Commodities | 102.8 | 107.4 | 106.5 | 103.0 | 0.8% | 4.3% |
| Farm Products & Processed Food and Feeds | 103.7 | 111.3 | 108.1 | 105.5 | 3.0% | 5.5% |
| Industrial Commodities | 102.6 | 106.5 | 106.1 | 102.4 | 0.4% | 4.0% |

## MANUFACTURING HOURS AND EARNINGS

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 |
| UNITED STATES | | | | | | | | | |
| Manufacturing | 417.58 | 414.73 | 405.66 | 41.1 | 40.9 | 41.1 | 10.16 | 10.14 | 9.87 |
| Durable Goods | 447.91 | 444.94 | 434.51 | 41.9 | 41.7 | 41.7 | 10.69 | 10.67 | 10.42 |
| Nondurable Goods | 376.94 | 373.86 | 367.13 | 40.1 | 39.9 | 40.3 | 9.40 | 9.37 | 9.11 |
| NORTH DAKOTA | | | | | | | | | |
| Manufacturing | 336.20 | 330.65 | 322.10 | 39.6 | 38.9 | 38.3 | 8.49 | 8.50 | 8.41 |
| Durable Goods | 368.33 | 367.69 | 355.19 | 41.2 | 40.9 | 40.5 | 8.94 | 8.99 | 8.77 |
| Nondurable Goods | 312.19 | 304.50 | 298.00 | 38.4 | 37.5 | 36.7 | 8.13 | 8.12 | 8.12 |
| Food & Kindred | 324.39 | 318.11 | 292.86 | 39.9 | 38.7 | 36.2 | 8.13 | 8.22 | 8.09 |
| Printing and Publishing | 267.55 | 256.94 | 254.81 | 31.7 | 30.3 | 30.7 | 8.44 | 8.48 | 8.30 |
| FARGO-MOORHEAD MSA | | | | | | | | | |
| Manufacturing | 335.16 | 323.47 | 311.54 | 39.9 | 38.1 | 37.0 | 8.40 | 8.49 | 8.42 |
| Durable Goods | 329.57 | 324.31 | 332.81 | 39.9 | 38.7 | 39.2 | 8.26 | 8.38 | 8.49 |
| Nondurable Goods | 339.95 | 321.38 | 296.30 | 39.9 | 37.5 | 35.4 | 8.52 | 8.57 | 8.37 |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 |
| Divide | 1,580 | 1,421 | 1,588 | 1,553 | 1,396 | 1,551 | 27 | 25 | 37 | 1.7% | 1.8% | 2.3% |
| McKenzie | 3,076 | 2,955 | 3,177 | 2,965 | 2,859 | 2,990 | 111 | 96 | 187 | 3.6% | 3.2% | 5.9% |
| Williams | 11,277 | 10,862 | 11,950 | 10,749 | 10,348 | 10,966 | 528 | 514 | 984 | 4.7% | 4.7% | 8.2% |
| REGION 1 | 15,933 | 15,238 | 16,715 | 15,267 | 14,603 | 15,507 | 666 | 635 | 1,208 | 4.2% | 4.2% | 7.2% |
| Bottineau | 3,797 | 3,643 | 3,901 | 3,647 | 3,495 | 3,677 | 150 | 148 | 224 | 4.0% | 4.1% | 5.7% |
| Burke | 1,406 | 1,395 | 1,471 | 1,345 | 1,347 | 1,370 | 61 | 48 | 101 | 4.3% | 3.4% | 6.9% |
| McHenry | 2,812 | 2,772 | 2,873 | 2,616 | 2,558 | 2,598 | 196 | 214 | 275 | 7.0% | 7.7% | 9.6% |
| Mountrail | 3,452 | 3,311 | 3,488 | 3,238 | 3,129 | 3,209 | 214 | 182 | 279 | 6.2% | 5.5% | 8.0% |
| Pierce | 2,688 | 2,544 | 2,718 | 2,611 | 2,458 | 2,612 | 77 | 86 | 106 | 2.9% | 3.4% | 3.9% |
| Renville | 1,299 | 1,292 | 1,322 | 1,256 | 1,244 | 1,244 | 43 | 48 | 78 | 3.3% | 3.7% | 5.9% |
| Ward | 26,375 | 25,680 | 26,656 | 25,243 | 24,566 | 25,312 | 1,132 | 1,114 | 1,344 | 4.3% | 4.3% | 5.0% |
| REGION 2 | 41,829 | 40,637 | 42,429 | 39,956 | 38,797 | 40,022 | 1,873 | 1,840 | 2,407 | 4.5% | 4.5% | 5.7% |
| Benson | 3,284 | 3,154 | 3,365 | 3,088 | 3,013 | 3,026 | 196 | 141 | 339 | 6.0% | 4.5% | 10.1% |
| Cavalier | 2,826 | 2,782 | 2,836 | 2,713 | 2,646 | 2,673 | 113 | 136 | 163 | 4.0% | 4.9% | 5.7% |
| Eddy | 1,513 | 1,465 | 1,568 | 1,407 | 1,360 | 1,433 | 106 | 105 | 135 | 7.0% | 7.2% | 8.6% |
| Ramsey | 6,826 | 6,655 | 6,872 | 6,573 | 6,416 | 6,565 | 253 | 239 | 307 | 3.7% | 3.6% | 4.5% |
| Rolette | 4,863 | 4,841 | 5,107 | 3,946 | 4,029 | 4,330 | 917 | 812 | 777 | 18.9% | 16.8% | 15.2% |
| Towner | 1,832 | 1,806 | 1,845 | 1,794 | 1,771 | 1,783 | 38 | 35 | 62 | 2.1% | 1.9% | 3.4% |
| REGION 3 | 21,144 | 20,703 | 21,593 | 19,521 | 19,235 | 19,810 | 1,623 | 1,468 | 1,783 | 7.7% | 7.1% | 8.3% |
| Grand Forks | 36,675 | 37,297 | 36,130 | 35,395 | 36,074 | 34,843 | 1,280 | 1,223 | 1,287 | 3.5% | 3.3% | 3.6% |
| Nelson | 2,010 | 1,955 | 2,044 | 1,927 | 1,863 | 1,948 | 83 | 92 | 96 | 4.1% | 4.7% | 4.7% |
| Pembina | 5,211 | 5,051 | 5,201 | 4,889 | 4,745 | 4,781 | 322 | 306 | 420 | 6.2% | 6.1% | 8.1% |
| Walsh | 8,228 | 8,041 | 8,250 | 7,882 | 7,748 | 7,769 | 346 | 293 | 481 | 4.2% | 3.6% | 5.8% |
| REGION 4 | 52,124 | 52,344 | 51,625 | 50,093 | 50,430 | 49,341 | 2,031 | 1,914 | 2,284 | 3.9% | 3.7% | 4.4% |
| Cass | 60,677 | 61,036 | 59,940 | 59,403 | 59,841 | 58,317 | 1,274 | 1,195 | 1,623 | 2.1% | 2.0% | 2.7% |
| Ransom | 2,854 | 2,747 | 2,841 | 2,783 | 2,672 | 2,769 | 71 | 75 | 72 | 2.5% | 2.7% | 2.5% |
| Richland | 9,238 | 8,672 | 8,977 | 8,892 | 8,373 | 8,638 | 346 | 299 | 339 | 3.7% | 3.4% | 3.8% |
| Sargent | 2,665 | 2,537 | 2,651 | 2,606 | 2,471 | 2,562 | 59 | 66 | 89 | 2.2% | 2.6% | 3.4% |
| Steele | 1,265 | 1,220 | 1,218 | 1,233 | 1,192 | 1,170 | 32 | 28 | 48 | 2.5% | 2.3% | 3.9% |
| Traill | 4,502 | 4,373 | 4,546 | 4,289 | 4,180 | 4,341 | 213 | 193 | 205 | 4.7% | 4.4% | 4.5% |
| REGION 5 | 81,201 | 80,585 | 80,173 | 79,206 | 78,729 | 77,797 | 1,995 | 1,856 | 2,376 | 2.5% | 2.3% | 3.0% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 | June 1988 | May 1988 | June 1987 |
| Barnes | 6,462 | 6,147 | 6,478 | 6,236 | 5,912 | 6,267 | 226 | 235 | 211 | 3.5% | 3.8% | 3.3% |
| Dickey | 3,269 | 3,203 | 3,339 | 3,164 | 3,095 | 3,226 | 105 | 108 | 113 | 3.2% | 3.4% | 3.4% |
| Foster | 2,217 | 2,197 | 2,237 | 2,145 | 2,122 | 2,131 | 72 | 75 | 106 | 3.2% | 3.4% | 4.7% |
| Griggs | 1,594 | 1,534 | 1,563 | 1,560 | 1,503 | 1,536 | 34 | 31 | 27 | 2.1% | 2.0% | 1.7% |
| La Moure | 2,482 | 2,454 | 2,509 | 2,416 | 2,380 | 2,436 | 66 | 74 | 73 | 2.7% | 3.0% | 2.9% |
| Logan | 1,523 | 1,464 | 1,503 | 1,490 | 1,431 | 1,479 | 33 | 33 | 24 | 2.2% | 2.3% | 1.6% |
| McIntosh | 2,397 | 2,303 | 2,346 | 2,359 | 2,274 | 2,296 | 38 | 29 | 50 | 1.6% | 1.3% | 2.1% |
| Stutsman | 12,562 | 12,095 | 12,625 | 12,187 | 11,732 | 12,114 | 375 | 363 | 511 | 3.0% | 3.0% | 4.0% |
| Wells | 3,001 | 2,979 | 3,010 | 2,841 | 2,831 | 2,855 | 160 | 148 | 155 | 5.3% | 5.0% | 5.1% |
| REGION 6 | 35,507 | 34,376 | 35,610 | 34,398 | 33,280 | 34,340 | 1,109 | 1,096 | 1,270 | 3.1% | 3.2% | 3.6% |
| Burleigh | 33,242 | 32,407 | 33,570 | 31,915 | 31,132 | 32,013 | 1,327 | 1,275 | 1,557 | 4.0% | 3.9% | 4.6% |
| Emmons | 2,299 | 2,215 | 2,293 | 2,211 | 2,112 | 2,209 | 88 | 103 | 84 | 3.8% | 4.7% | 3.7% |
| Grant | 2,086 | 1,991 | 2,021 | 2,019 | 1,925 | 1,935 | 67 | 66 | 86 | 3.2% | 3.3% | 4.3% |
| Kidder | 1,623 | 1,549 | 1,606 | 1,542 | 1,465 | 1,513 | 81 | 84 | 93 | 5.0% | 5.4% | 5.8% |
| McLean | 5,084 | 5,115 | 4,951 | 4,799 | 4,918 | 4,657 | 285 | 197 | 294 | 5.6% | 3.9% | 5.9% |
| Mercer | 5,789 | 5,471 | 5,798 | 5,454 | 5,212 | 5,407 | 335 | 259 | 391 | 5.8% | 4.7% | 6.7% |
| Morton | 12,271 | 11,930 | 12,331 | 11,693 | 11,407 | 11,730 | 578 | 523 | 601 | 4.7% | 4.4% | 4.9% |
| Oliver | 1,225 | 1,144 | 1,173 | 1,154 | 1,109 | 1,115 | 71 | 35 | 58 | 5.8% | 3.1% | 4.9% |
| Sheridan | 1,260 | 1,183 | 1,196 | 1,206 | 1,129 | 1,157 | 54 | 54 | 39 | 4.3% | 4.6% | 3.3% |
| Sioux | 1,438 | 1,373 | 1,410 | 1,288 | 1,313 | 1,247 | 150 | 60 | 163 | 10.4% | 4.4% | 11.6% |
| REGION 7 | 66,317 | 64,378 | 66,349 | 63,281 | 61,722 | 62,983 | 3,036 | 2,656 | 3,366 | 4.6% | 4.1% | 5.1% |
| Adams | 1,749 | 1,699 | 1,813 | 1,720 | 1,667 | 1,761 | 29 | 32 | 52 | 1.7% | 1.9% | 2.9% |
| Billings | 978 | 756 | 1,034 | 956 | 735 | 1,013 | 22 | 21 | 21 | 2.2% | 2.8% | 2.0% |
| Bowman | 2,270 | 2,145 | 2,263 | 2,213 | 2,098 | 2,201 | 57 | 47 | 62 | 2.5% | 2.2% | 2.7% |
| Dunn | 1,835 | 1,757 | 1,803 | 1,698 | 1,656 | 1,650 | 137 | 101 | 153 | 7.5% | 5.7% | 8.5% |
| Golden Valley | 1,033 | 1,026 | 1,065 | 1,009 | 1,006 | 1,029 | 24 | 20 | 36 | 2.3% | 1.9% | 3.4% |
| Hettinger | 2,050 | 1,955 | 2,022 | 1,967 | 1,873 | 1,933 | 83 | 82 | 89 | 4.0% | 4.2% | 4.4% |
| Slope | 490 | 443 | 474 | 473 | 433 | 443 | 17 | 10 | 31 | 3.5% | 2.3% | 6.5% |
| Stark | 12,022 | 11,530 | 12,470 | 11,512 | 11,039 | 11,727 | 510 | 491 | 743 | 4.2% | 4.3% | 6.0% |
| REGION 8 | 22,427 | 21,311 | 22,944 | 21,548 | 20,507 | 21,757 | 879 | 804 | 1,187 | 3.9% | 3.8% | 5.2% |
| STATE TOTAL | 336,482 | 329,572 | 337,438 | 323,270 | 317,303 | 321,557 | 13,212 | 12,269 | 15,881 | 3.9% | 3.7% | 4.7% |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | June 1988 | May 1988 | June 1987 | Percent Change From May 1988 | Percent Change From June 1987 |
|---|---|---|---|---|---|
| UNITED STATES (In Thousands) | | | | | |
| Labor Force | 123,158 | 122,692 | 121,326 | 0.4% | 1.5% |
| Employment | 116,703 | 115,909 | 114,018 | 0.7% | 2.4% |
| Unemployment | 6,455 | 6,783 | 7,308 | -4.8% | -11.7% |
| Unemployment Rate | 5.2% | 5.5% | 6.0% | xxx | xxx |
| NORTH DAKOTA | | | | | |
| Labor Force | 336,480 | 329,570 | 337,440 | 2.1% | -0.3% |
| Employment | 323,270 | 317,300 | 321,560 | 1.9% | 0.5% |
| Unemployment | 13,210 | 12,270 | 15,880 | 7.7% | -16.8% |
| Unemployment Rate | 3.9% | 3.7% | 4.7% | xxx | xxx |
| FARGO-MOORHEAD MSA | | | | | |
| Labor Force | 86,880 | 87,340 | 85,120 | -0.5% | 2.1% |
| Employment | 84,720 | 85,410 | 82,260 | -0.8% | 3.0% |
| Unemployment | 2,160 | 1,930 | 2,860 | 11.9% | -24.5% |
| Unemployment Rate | 2.5% | 2.2% | 3.4% | xxx | xxx |
| GRAND FORKS MSA | | | | | |
| Labor Force | 36,680 | 37,290 | 36,130 | -1.6% | 1.5% |
| Employment | 35,400 | 36,070 | 34,840 | -1.9% | 1.6% |
| Unemployment | 1,280 | 1,220 | 1,290 | 4.9% | -0.8% |
| Unemployment Rate | 3.5% | 3.3% | 3.6% | xxx | xxx |
| BISMARCK MSA | | | | | |
| Labor Force | 45,520 | 44,340 | 45,900 | 2.7% | -0.8% |
| Employment | 43,610 | 42,540 | 43,740 | 2.5% | -0.3% |
| Unemployment | 1,910 | 1,800 | 2,160 | 6.1% | -11.6% |
| Unemployment Rate | 4.2% | 4.1% | 4.7% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

MAY 1988
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 329.6 | 368.5 | 2,335.0 | 407.5 |
| Employment | 317.3 | 357.5 | 2,259.7 | 379.5 |
| Unemployment | 12.3 | 11.0 | 75.3 | 28.0 |
| Unemployment Rate | 3.7% | 3.0% | 3.2% | 6.9% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A-monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**DEVILS LAKE**
301 S. College Drive
Phone: 662-2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street S.
Phone: 237-7113

**GRAND FORKS**
2016 S. Washington
Phone: 777-3711

**GRAFTON**
728 Hill Avenue S.
Phone: 352-2202

**JAMESTOWN**
429 Second St. S.W.
Phone: 251-2256

**MANDAN**
501 First Street N.W.
Phone: 663-6461

**MINOT**
3416 N. Broadway
Phone: 852-2164

**VALLEY CITY**
2425 W. Main
Phone: 845-7261

**WAHPETON**
524 Second Avenue N.
Phone: 671-2711

**WILLISTON**
422 First Ave. W.
Phone: 572-7771

**BEULAH**
119 E. Main
Phone: 873-5607

**ROLLA**
103 E. Main
Phone: 477-5631

**NDSU--FARGO**
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

**NEW TOWN**
Tribal Administration
Building
Phone: 627-4390

**UND-GRAND FORKS**
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

**Official Business**
**Penalty for Private Use $300**

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here ________ and return this page to the above address.

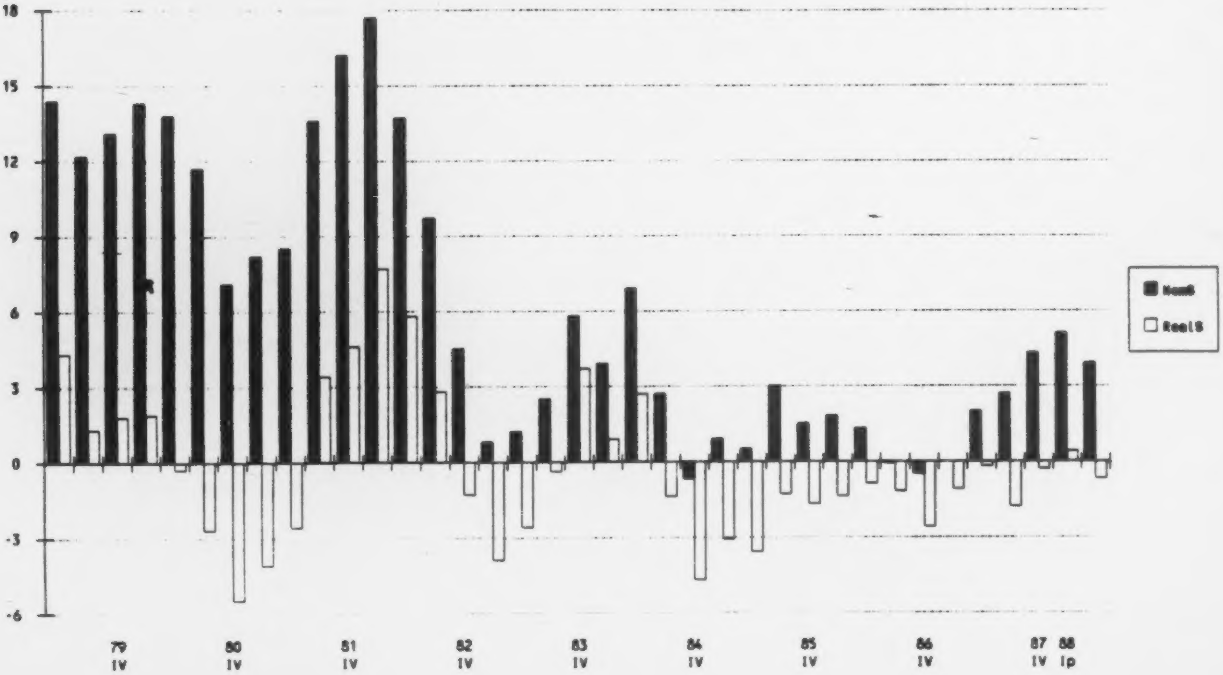
S6140-4
9/8/88

# NORTH DAKOTA LABOR MARKET ADVISOR

JULY 1988

VOLUME 4, NUMBER 7

Percent Change from One Year Ago in Total Wage and Salary Earnings



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

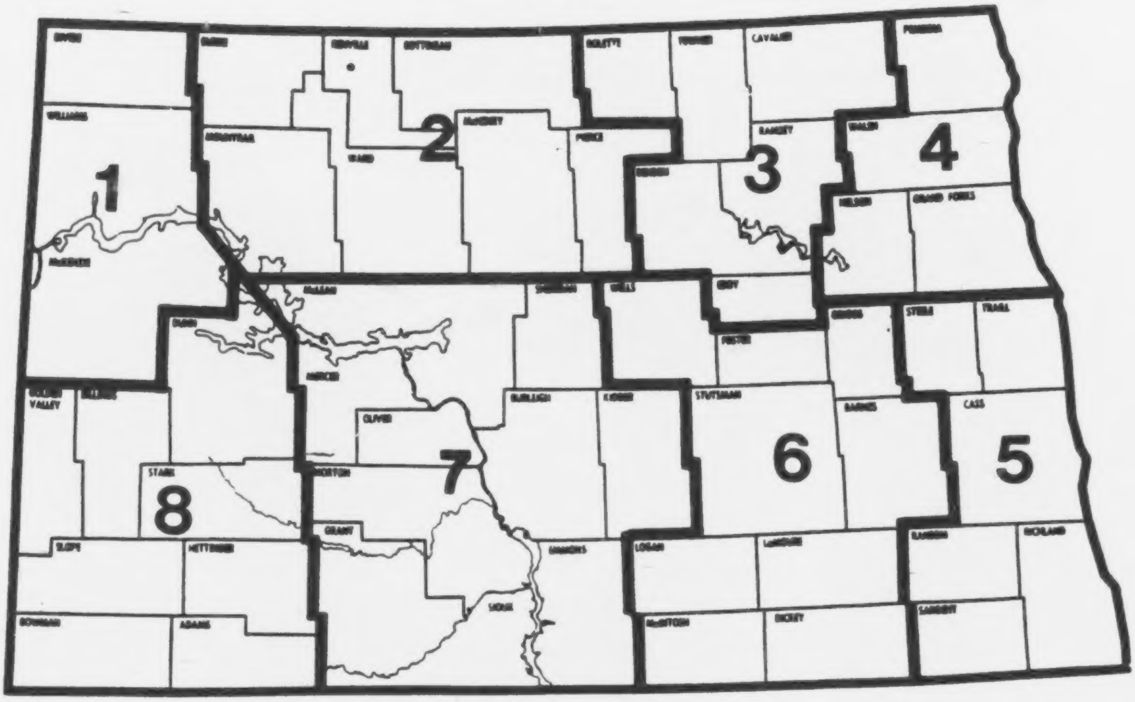
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA


1
2
3
4
5
6
7
8
CAVALIER
RAMSEY
GRAND FORKS
TRAILL
CASS
RICHLAND
SARGENT
BARNES
STUTSMAN
FOSTER
EDDY
KIDDER
BURLEIGH
LOGAN
LaMOURE
McINTOSH
DICKEY
EMMONS
SIOUX
GRANT
MORTON
OLIVER
MERCER
STARK
GOLDEN VALLEY
SLOPE
HETTINGER
BOWMAN
ADAMS
WARD
McHENRY
PIERCE

STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# NORTH DAKOTA'S FIRST QUARTER 1988 NONFARM WAGES INCREASE

Earnings per wage and salary nonfarm job rose to an average monthly rate of $1,351.19 in the first quarter of the year. Nonfarm average earnings increased by 1.9 percent, or by $24.79 over the first quarter of 1987. However, adjusting first quarter 1988 average wages for inflation shows that earnings per job fell by 2.7 percent when compared with earnings for the first quarter of 1987.

Despite the relatively low rate of inflation, average earnings per job have failed to show real growth during five of the past six quarters. Falling real earnings per job have occurred, in part, because the number of new jobs has been growing at a faster rate than the wages associated with them.

By the second quarter of 1987, new jobs in the services-producing sector had replaced higher paying jobs lost in the goods-producing industries of mining, construction, and manufacturing. During the second half of 1987 and the winter of 1987/88, the number of wage and salary jobs increased at an average rate exceeding 1.5 percent. Although many of these new jobs were found in such industries as health care, business, professional, and personal services, it appears that a substantial share of new jobs either pay comparatively low wages or are part-time. The number of nonfarm jobs, insured under the state's Job Insurance program, grew by 2 percent during the first quarter to 230,068 (preliminary). But total wages paid only increased by 3.9 percent, to $932.6 million -- not quite enough for average earnings per job to keep up with a 4 percent first quarter rate of inflation.

Almost half of all personal income in the state comes from wage and salary earnings. Last year, over $3.76 billion were paid to nonfarm employees. The first quarter of 1988 capped five quarters of strong growth in total wage outlays. Total wages had not expanded at a growth rate in excess of 3 percent or more since the second quarter of 1985. The last three quarters (1987-III, 1987-IV, and 1988-I), however, all showed growth in nominal total earnings in excess of 3 percent. Moreover, total wages exceeded the rate of inflation for the first time in over three years during the final quarter of 1987.

Unless earnings expand at a rate faster than inflation, there is little opportunity for consumer purchases to create the volume of demand which would lead to greater employment opportunities. Consumers must borrow, or draw down saved wages, in order to increase purchases of goods and services when earnings fail to keep pace with the rate of inflation. Even though average earnings per job have failed to keep pace with the rate of inflation, total earnings of $932.6 million in the first quarter of 1988 mark three quarters of faster and more consistent growth than at any time since the state's recessionary period of 1984 to 1986.

**Tom Gallagher**
**Research Analyst**

## NORTH DAKOTA

(ROUNDED TO FIFTY)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | JULY 1988 | JUNE 1988 | JULY 1987 | JUNE 1988 | JULY 1987 |
| TOTAL | 256,800 | 259,500 | 253,950 | -1.0% | 1.1% |
| MINING | 4,400 | 4,400 | 4,350 | 0.0% | 1.1% |
| COAL | 1,100 | 1,100 | 1,100 | 0.0% | 0.0% |
| CRUDE PET. & NAT. GAS | 2,800 | 2,800 | 2,700 | 0.0% | 3.7% |
| OTHER MINING | 500 | 500 | 550 | 0.0% | -9.1% |
| CONSTRUCTION | 12,200 | 11,700 | 13,100 | 4.3% | -6.9% |
| BUILDING CONSTRUCTION | 3,100 | 3,000 | 3,300 | 3.3% | -6.1% |
| STREET HIGHWAY & HEAVY | 3,400 | 3,100 | 4,000 | 9.7% | -15.0% |
| SPECIAL TRADE CONSTRUCTION | 5,700 | 5,600 | 5,800 | 1.8% | -1.7% |
| MANUFACTURING | 16,450 | 16,450 | 16,100 | 0.0% | 2.2% |
| DURABLE GOODS | 7,100 | 7,150 | 6,900 | -0.7% | 2.9% |
| STONE, CLAY & GLASS | 750 | 750 | 800 | 0.0% | -6.3% |
| PRIMARY & FAB. METALS | 850 | 850 | 850 | 0.0% | 0.0% |
| MACHINERY & TRANS. EQUIP. | 4,200 | 4,300 | 4,000 | -2.3% | 5.0% |
| OTHER DURABLE GOODS | 1,300 | 1,250 | 1,250 | 4.0% | 4.0% |
| NONDURABLE GOODS | 9,350 | 9,300 | 9,200 | 0.5% | 1.6% |
| FOOD & KINDRED PRODUCTS | 4,350 | 4,400 | 4,500 | -1.1% | -3.3% |
| DAIRY PRODUCTS | 850 | 850 | 800 | 0.0% | 6.3% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 1,250 | 1,300 | 1,700 | -3.8% | -26.5% |
| BAKERY PRODUCTS | 500 | 500 | 350 | 0.0% | 42.9% |
| OTHER FOOD & KINDRED | 1,750 | 1,750 | 1,650 | 0.0% | 6.1% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,400 | 0.0% | 0.0% |
| OTHER NONDURABLE GOODS | 2,600 | 2,500 | 2,300 | 4.0% | 13.0% |
| TRANS. COMM. & UTILITIES | 16,600 | 16,600 | 16,300 | 0.0% | 1.8% |
| TRANSPORTATION | 8,300 | 8,400 | 8,200 | -1.2% | 1.2% |
| TRUCKING & WAREHOUSE | 4,800 | 4,900 | 4,800 | -2.0% | 0.0% |
| OTHER TRANSPORTATION | 3,500 | 3,500 | 3,400 | 0.0% | 2.9% |
| COMMUNICATION | 3,400 | 3,400 | 3,200 | 0.0% | 6.3% |
| UTILITIES | 4,900 | 4,800 | 4,900 | 2.1% | 0.0% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | JULY 1988 | JUNE 1988 | JULY 1987 | JUNE 1988 | JULY 1987 |
| WHOLESALE TRADE | 19,900 | 20,000 | 19,700 | -0.5% | 1.0% |
| DURABLE GOODS | 9,300 | 9,300 | 9,300 | 0.0% | 0.0% |
| NONDURABLE GOODS | 10,600 | 10,700 | 10,400 | -0.9% | 1.9% |
| RETAIL TRADE | 49,300 | 49,400 | 48,700 | -0.2% | 1.2% |
| GENERAL MERCHANDISE | 6,200 | 6,200 | 6,100 | 0.0% | 1.6% |
| FOOD STORES | 6,800 | 6,800 | 6,700 | 0.0% | 1.5% |
| AUTO DEALERS & SERVICE ST. | 6,700 | 6,700 | 6,800 | 0.0% | -1.5% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,500 | 0.0% | 4.0% |
| OTHER RETAIL | 27,000 | 27,100 | 26,600 | -0.4% | 1.5% |
| FINANCE, INS. & REAL ESTATE | 12,550 | 12,550 | 12,700 | 0.0% | -1.2% |
| FINANCE | 6,700 | 6,700 | 6,900 | 0.0% | -2.9% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,500 | 2,500 | 2,700 | 0.0% | -7.4% |
| INSURANCE | 4,000 | 4,000 | 3,900 | 0.0% | 2.6% |
| REAL ESTATE | 1,850 | 1,850 | 1,900 | 0.0% | -2.6% |
| SERVICES | 64,100 | 63,800 | 61,300 | 0.5% | 4.6% |
| LODGING | 4,300 | 4,300 | 4,300 | 0.0% | 0.0% |
| HEALTH SERVICES | 27,200 | 27,000 | 26,500 | 0.7% | 2.6% |
| NURSING CARE & HOSPITALS | 20,000 | 19,900 | 19,500 | 0.5% | 2.6% |
| OTHER MEDICAL SERVICES | 7,200 | 7,100 | 7,000 | 1.4% | 2.9% |
| OTHER SERVICES | 32,600 | 32,500 | 30,500 | 0.3% | 6.9% |
| GOVERNMENT | 61,300 | 64,600 | 61,700 | -5.1% | -0.6% |
| FEDERAL | 10,400 | 10,300 | 10,500 | 1.0% | -1.0% |
| STATE GOVERNMENT | 18,000 | 18,700 | 17,900 | -3.7% | 0.6% |
| EDUCATIONAL SERVICES | 10,400 | 11,300 | 10,200 | -8.0% | 2.0% |
| OTHER STATE GOVERNMENT | 7,600 | 7,400 | 7,700 | 2.7% | -1.3% |
| LOCAL GOVERNMENT | 32,900 | 35,600 | 33,300 | -7.6% | -1.2% |
| EDUCATIONAL SERVICES | 12,800 | 15,800 | 13,500 | -19.0% | -5.2% |
| OTHER LOCAL GOVERNMENT | 20,100 | 19,800 | 19,800 | 1.5% | 1.5% |

# NONAGRICULTURAL

# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | JULY 1988 | JUNE 1988 | JULY 1987 | JUNE 1988 | JULY 1987 |
| TOTAL | 71,550 | 72,750 | 69,200 | -1.6% | 3.4% |
| MINING CONSTRUCTION | 4,200 | 4,100 | 4,100 | 2.4% | 2.4% |
| MANUFACTURING | 4,850 | 4,950 | 5,000 | -2.0% | -3.0% |
| DURABLE GOODS | 2,100 | 2,200 | 2,200 | -4.5% | -4.5% |
| NONDURABLE GOODS | 2,750 | 2,750 | 2,800 | 0.0% | -1.8% |
| TRANS., COMM. & UTILITIES | 5,000 | 4,900 | 4,500 | 2.0% | 11.1% |
| TRADE | 21,500 | 21,600 | 21,000 | -0.5% | 2.4% |
| WHOLESALE TRADE | 6,700 | 6,700 | 6,700 | 0.0% | 0.0% |
| RETAIL TRADE | 14,800 | 14,900 | 14,300 | -0.7% | 3.5% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,600 | 4,500 | 0.0% | 2.2% |
| SERVICES | 19,100 | 19,000 | 18,300 | 0.5% | 4.4% |
| GOVERNMENT | 12,300 | 13,600 | 11,800 | -9.6% | 4.2% |
| FEDERAL | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| STATE & LOCAL | 10,200 | 11,500 | 9,600 | -11.3% | 6.3% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 29,450 | 29,450 | 29,600 | 0.0% | -0.5% |
| MINING & CONSTRUCTION | 1,650 | 1,550 | 2,200 | 6.5% | -25.0% |
| MANUFACTURING | 1,750 | 1,800 | 1,700 | -2.8% | 2.9% |
| TRANS., COMM. & UTILITIES | 1,450 | 1,500 | 1,500 | -3.3% | -3.3% |
| TRADE | 8,400 | 8,250 | 8,350 | 1.8% | 0.6% |
| WHOLESALE TRADE | 1,600 | 1,550 | 1,550 | 3.2% | 3.2% |
| RETAIL TRADE | 6,800 | 6,700 | 6,800 | 1.5% | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,200 | 1,150 | 1,150 | 4.3% | 4.3% |
| SERVICES | 6,800 | 6,900 | 6,600 | -1.4% | 3.0% |
| GOVERNMENT | 8,200 | 8,300 | 8,100 | -1.2% | 1.2% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 37,200 | 37,500 | 36,750 | -0.8% | 1.2% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,800 | 1,700 | 1,900 | 5.9% | -5.3% |
| MANUFACTURING | 2,100 | 2,100 | 2,000 | 0.0% | 5.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,600 | 0.0% | 3.8% |
| TRADE | 9,800 | 9,800 | 9,800 | 0.0% | 0.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 7,700 | 7,700 | 7,600 | 0.0% | 1.3% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,650 | 0.0% | -3.0% |
| SERVICES | 10,700 | 10,700 | 10,300 | 0.0% | 3.9% |
| GOVERNMENT | 8,300 | 8,700 | 8,300 | -4.6% | 0.0% |

# LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | | | | Percent Change From | |
|---|---|---|---|---|---|
| | July 1988 | June 1988 | July 1987 | June 1988 | July 1987 |
| **UNITED STATES** (In Thousands) | | | | | |
| Labor Force | 123,357 | 123,158 | 121,610 | 0.2% | 1.4% |
| Employment | 116,732 | 116,703 | 114,359 | 0.0% | 2.1% |
| Unemployment | 6,625 | 6,455 | 7,251 | 2.6% | -8.6% |
| Unemployment Rate | 5.4% | 5.2% | 6.0% | xxx | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 339,120 | 337,700 | 336,260 | 0.4% | 0.9% |
| Employment | 325,230 | 324,410 | 321,360 | 0.3% | 1.2% |
| Unemployment | 13,890 | 13,290 | 14,900 | 4.5% | -6.8% |
| Unemployment Rate | 4.1% | 3.9% | 4.4% | xxx | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 86,690 | 86,710 | 83,880 | 0.0% | 3.4% |
| Employment | 84,350 | 84,540 | 81,140 | -0.2% | 4.0% |
| Unemployment | 2,340 | 2,170 | 2,740 | 7.8% | -14.6% |
| Unemployment Rate | 2.7% | 2.5% | 3.3% | xxx | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,880 | 36,550 | 36,590 | 0.9% | 0.8% |
| Employment | 35,500 | 35,270 | 35,330 | 0.7% | 0.5% |
| Unemployment | 1,380 | 1,280 | 1,260 | 7.8% | 9.5% |
| Unemployment Rate | 3.7% | 3.5% | 3.5% | xxx | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 45,980 | 45,790 | 45,360 | 0.4% | 1.4% |
| Employment | 44,040 | 43,880 | 43,480 | 0.4% | 1.3% |
| Unemployment | 1,940 | 1,910 | 1,880 | 1.6% | 3.2% |
| Unemployment Rate | 4.2% | 4.2% | 4.1% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### JUNE 1988
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 337.7 | 378.9 | 2,373.9 | 411.4 |
| Employment | 324.4 | 365.6 | 2,293.4 | 385.1 |
| Unemployment | 13.3 | 13.3 | 80.5 | 26.3 |
| Unemployment Rate | 3.9% | 3.5% | 3.4% | 6.4% |

## UNITED STATES

### MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 |
| Manufacturing | 414.33 | 418.59 | 400.72 | 40.7 | 41.2 | 40.6 | 10.18 | 10.16 | 9.87 |
| Durable Goods | 440.84 | 448.33 | 426.40 | 41.2 | 41.9 | 41.0 | 10.70 | 10.70 | 10.40 |
| Nondurable Goods | 378.40 | 377.48 | 366.40 | 40.0 | 40.2 | 40.0 | 9.46 | 9.39 | 9.16 |

## NORTH DAKOTA

### MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 |
| Manufacturing | 324.37 | 327.66 | 320.64 | 38.8 | 39.1 | 38.4 | 8.36 | 8.38 | 8.35 |
| Durable Goods | 341.54 | 349.06 | 350.21 | 39.9 | 40.4 | 40.3 | 8.56 | 8.64 | 8.69 |
| Nondurable Goods | 311.16 | 311.28 | 298.96 | 37.9 | 38.1 | 37.0 | 8.21 | 8.17 | 8.08 |
| Food & Kindred | 323.14 | 323.53 | 302.63 | 39.6 | 39.6 | 37.5 | 8.16 | 8.17 | 8.07 |
| Printing and Publishing | 263.54 | 264.60 | 259.06 | 31.6 | 31.5 | 31.1 | 8.34 | 8.40 | 8.33 |

## FARGO-MOORHEAD MSA

### MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 |
| Manufacturing | 338.58 | 336.51 | 304.43 | 40.5 | 40.3 | 35.9 | 8.36 | 8.35 | 8.48 |
| Durable Goods | 315.57 | 322.80 | 320.04 | 40.2 | 40.0 | 38.1 | 7.85 | 8.07 | 8.40 |
| Nondurable Goods | 357.41 | 347.49 | 293.61 | 40.8 | 40.5 | 34.3 | 8.76 | 8.58 | 8.56 |

## U. S. CONSUMER PRICE INDEX

(1982-84=100) ALL URBAN CONSUMERS

| ITEM | Annual Average 1987 | July 1988 | June 1988 | July 1987 | Percent Change From June 1988 | Percent Change From July 1987 |
|---|---|---|---|---|---|---|
| All Items | 113.6 | 118.5 | 118.0 | 113.8 | 0.4% | 4.1% |
| Food & Beverage | 113.5 | 118.8 | 117.6 | 113.7 | 1.0% | 4.5% |
| Housing | 114.2 | 119.1 | 118.6 | 114.7 | 0.4% | 3.8% |
| Apparel & Upkeep | 110.6 | 112.7 | 114.6 | 107.3 | -1.7% | 5.0% |
| Transportation | 105.4 | 108.9 | 108.5 | 106.0 | 0.4% | 2.7% |
| Medical Care | 130.1 | 139.3 | 138.2 | 130.7 | 0.8% | 6.6% |
| Entertainment | 115.3 | 120.5 | 120.1 | 115.4 | 0.3% | 4.4% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | Annual Average 1987 | July 1988 | June 1988 | July 1987 | Percent Change From June 1988 | Percent Change From July 1987 |
|---|---|---|---|---|---|---|
| All Commodities | 102.8 | 107.8 | 107.4 | 103.5 | 0.4% | 4.2% |
| Farm Products & Processed Foods and Feeds | 103.7 | 113.0 | 111.3 | 105.2 | 1.5% | 7.4% |
| Industrial Commodities | 102.6 | 106.7 | 106.5 | 103.1 | 0.2% | 3.5% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 |
| Divide | 1,563 | 1,587 | 1,482 | 1,516 | 1,560 | 1,448 | 47 | 27 | 34 | 3.0% | 1.7% | 2.3% |
| McKenzie | 3,176 | 3,094 | 3,148 | 3,067 | 2,980 | 2,933 | 109 | 114 | 215 | 3.4% | 3.7% | 6.8% |
| Williams | 11,844 | 11,352 | 11,615 | 11,375 | 10,814 | 10,543 | 469 | 538 | 1,072 | 4.0% | 4.7% | 9.2% |
| REGION 1 | 16,583 | 16,033 | 16,245 | 15,958 | 15,354 | 14,924 | 625 | 679 | 1,321 | 3.8% | 4.2% | 8.1% |
| Bottineau | 3,744 | 3,817 | 3,767 | 3,573 | 3,667 | 3,571 | 171 | 150 | 196 | 4.6% | 3.9% | 5.2% |
| Burke | 1,422 | 1,414 | 1,511 | 1,368 | 1,353 | 1,405 | 54 | 61 | 106 | 3.8% | 4.3% | 7.0% |
| McHenry | 2,750 | 2,827 | 2,909 | 2,563 | 2,628 | 2,626 | 187 | 199 | 283 | 6.8% | 7.0% | 9.7% |
| Mountrail | 3,404 | 3,470 | 3,398 | 3,182 | 3,255 | 3,147 | 222 | 215 | 251 | 6.5% | 6.2% | 7.4% |
| Pierce | 2,693 | 2,702 | 2,619 | 2,611 | 2,625 | 2,516 | 82 | 77 | 103 | 3.0% | 2.8% | 3.9% |
| Renville | 1,361 | 1,304 | 1,339 | 1,309 | 1,261 | 1,264 | 52 | 43 | 75 | 3.8% | 3.3% | 5.6% |
| Ward | 26,650 | 26,552 | 25,857 | 25,507 | 25,400 | 24,565 | 1,143 | 1,152 | 1,292 | 4.3% | 4.3% | 5.0% |
| REGION 2 | 42,024 | 42,086 | 41,400 | 40,113 | 40,189 | 39,094 | 1,911 | 1,897 | 2,306 | 4.5% | 4.5% | 5.6% |
| Benson | 3,518 | 3,297 | 3,335 | 3,338 | 3,103 | 3,016 | 180 | 194 | 319 | 5.1% | 5.9% | 9.6% |
| Cavalier | 2,872 | 2,841 | 2,808 | 2,762 | 2,727 | 2,659 | 110 | 114 | 149 | 3.8% | 4.0% | 5.3% |
| Eddy | 1,454 | 1,519 | 1,579 | 1,361 | 1,413 | 1,416 | 93 | 106 | 163 | 6.4% | 7.0% | 10.3% |
| Ramsey | 6,758 | 6,863 | 6,777 | 6,508 | 6,610 | 6,436 | 250 | 253 | 341 | 3.7% | 3.7% | 5.0% |
| Rolette | 4,979 | 4,886 | 5,137 | 4,057 | 3,965 | 4,438 | 922 | 921 | 699 | 18.5% | 18.8% | 13.6% |
| Towner | 1,763 | 1,839 | 1,836 | 1,728 | 1,801 | 1,794 | 35 | 38 | 42 | 2.0% | 2.1% | 2.3% |
| REGION 3 | 21,344 | 21,265 | 21,472 | 19,754 | 19,619 | 19,7[illegible]9 | 1,590 | 1,626 | 1,713 | 7.4% | 7.7% | 8.0% |
| Grand Forks | 36,875 | 36,556 | 37,031 | 35,499 | 35,274 | 35,821 | 1,376 | 1,282 | 1,210 | 3.7% | 3.5% | 3.3% |
| Nelson | 1,995 | 2,020 | 2,035 | 1,922 | 1,937 | 1,937 | 73 | 83 | 98 | 3.7% | 4.1% | 4.8% |
| Pembina | 5,672 | 5,238 | 5,115 | 5,122 | 4,914 | 4,713 | 550 | 324 | 402 | 9.7% | 6.2% | 7.9% |
| Walsh | 8,276 | 8,276 | 8,113 | 7,856 | 7,926 | 7,757 | 420 | 350 | 356 | 5.1% | 4.2% | 4.4% |
| REGION 4 | 52,818 | 52,090 | 52,294 | 50,399 | 50,051 | 50,228 | 2,419 | 2,039 | 2,066 | 4.6% | 3.9% | 4.0% |
| Cass | 60,808 | 60,677 | 60,037 | 59,330 | 59,392 | 58,402 | 1,478 | 1,285 | 1,635 | 2.4% | 2.1% | 2.7% |
| Ransom | 2,918 | 2,870 | 2,764 | 2,845 | 2,798 | 2,699 | 73 | 72 | 65 | 2.5% | 2.5% | 2.4% |
| Richland | 9,370 | 9,289 | 8,649 | 8,988 | 8,942 | 8,252 | 382 | 347 | 397 | 4.1% | 3.7% | 4.6% |
| Sargent | 2,713 | 2,679 | 2,570 | 2,667 | 2,620 | 2,481 | 46 | 59 | 89 | 1.7% | 2.2% | 3.5% |
| Steele | 1,253 | 1,270 | 1,253 | 1,217 | 1,239 | 1,195 | 36 | 31 | 58 | 2.9% | 2.4% | 4.6% |
| Traill | 4,600 | 4,525 | 4,485 | 4,350 | 4,311 | 4,287 | 250 | 214 | 198 | 5.4% | 4.7% | 4.4% |
| REGION 5 | 81,662 | 81,310 | 79,758 | 79,397 | 79,302 | 77,316 | 2,265 | 2,008 | 2,442 | 2.8% | 2.5% | 3.1% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 | July 1988 | June 1988 | July 1987 |
| Barnes | 6,470 | 6,499 | 6,208 | 6,249 | 6,270 | 5,983 | 221 | 229 | 225 | 3.4% | 3.5% | 3.6% |
| Dickey | 3,250 | 3,284 | 3,375 | 3,165 | 3,179 | 3,230 | 85 | 105 | 145 | 2.6% | 3.2% | 4.3% |
| Foster | 2,284 | 2,232 | 2,229 | 2,211 | 2,156 | 2,123 | 73 | 76 | 106 | 3.2% | 3.4% | 4.8% |
| Griggs | 1,572 | 1,600 | 1,564 | 1,536 | 1,566 | 1,531 | 36 | 34 | 33 | 2.3% | 2.1% | 2.1% |
| La Moure | 2,543 | 2,492 | 2,578 | 2,464 | 2,426 | 2,491 | 79 | 66 | 87 | 3.1% | 2.6% | 3.4% |
| Logan | 1,524 | 1,527 | 1,509 | 1,500 | 1,496 | 1,471 | 24 | 31 | 38 | 1.6% | 2.0% | 2.5% |
| McIntosh | 2,368 | 2,409 | 2,316 | 2,340 | 2,371 | 2,268 | 28 | 38 | 48 | 1.2% | 1.6% | 2.1% |
| Stutsman | 12,662 | 12,635 | 12,215 | 12,242 | 12,261 | 11,701 | 420 | 374 | 514 | 3.3% | 3.0% | 4.2% |
| Wells | 3,039 | 3,016 | 3,060 | 2,899 | 2,857 | 2,903 | 140 | 159 | 157 | 4.6% | 5.3% | 5.1% |
| REGION 6 | 35,712 | 35,694 | 35,054 | 34,606 | 34,582 | 33,701 | 1,106 | 1,112 | 1,353 | 3.1% | 3.1% | 3.9% |
| Burleigh | 33,547 | 33,443 | 32,603 | 32,233 | 32,115 | 31,176 | 1,314 | 1,328 | 1,427 | 3.9% | 4.0% | 4.4% |
| Emmons | 2,280 | 2,308 | 2,295 | 2,197 | 2,220 | 2,189 | 83 | 88 | 106 | 3.6% | 3.8% | 4.6% |
| Grant | 2,078 | 2,093 | 2,032 | 2,011 | 2,026 | 1,955 | 67 | 67 | 77 | 3.2% | 3.2% | 3.3% |
| Kidder | 1,613 | 1,628 | 1,613 | 1,538 | 1,547 | 1,503 | 75 | 81 | 110 | 4.6% | 5.0% | 6.8% |
| McLean | 4,593 | 5,110 | 5,081 | 4,304 | 4,824 | 4,826 | 289 | 286 | 255 | 6.3% | 5.6% | 5.0% |
| Mercer | 5,681 | 5,822 | 5,550 | 5,349 | 5,485 | 5,218 | 332 | 337 | 332 | 5.8% | 5.8% | 6.0% |
| Morton | 12,436 | 12,353 | 11,998 | 11,810 | 11,767 | 11,423 | 626 | 586 | 575 | 5.0% | 4.7% | 4.8% |
| Oliver | 1,228 | 1,232 | 1,158 | 1,139 | 1,161 | 1,108 | 89 | 71 | 50 | 7.2% | 5.8% | 4.3% |
| Sheridan | 1,297 | 1,266 | 1,218 | 1,246 | 1,212 | 1,160 | 51 | 54 | 58 | 3.9% | 4.3% | 4.8% |
| Sioux | 1,399 | 1,444 | 1,387 | 1,246 | 1,292 | 1,289 | 153 | 152 | 98 | 10.9% | 10.5% | 7.1% |
| REGION 7 | 66,152 | 66,699 | 64,935 | 63,073 | 63,649 | 61,847 | 3,079 | 3,050 | 3,088 | 4.7% | 4.6% | 4.8% |
| Adams | 1,830 | 1,757 | 1,785 | 1,800 | 1,728 | 1,736 | 30 | 29 | 49 | 1.6% | 1.7% | 2.7% |
| Billings | 1,195 | 983 | 828 | 1,179 | 961 | 796 | 16 | 22 | 32 | 1.3% | 2.2% | 3.9% |
| Bowman | 2,252 | 2,280 | 2,212 | 2,185 | 2,223 | 2,121 | 67 | 57 | 91 | 3.0% | 2.5% | 4.1% |
| Dunn | 1,894 | 1,840 | 1,860 | 1,742 | 1,704 | 1,712 | 152 | 136 | 148 | 8.0% | 7.4% | 8.0% |
| Golden Valley | 1,095 | 1,038 | 1,069 | 1,069 | 1,014 | 1,041 | 26 | 24 | 28 | 2.4% | 2.3% | 2.6% |
| Hettinger | 2,039 | 2,058 | 2,005 | 1,953 | 1,975 | 1,899 | 86 | 83 | 106 | 4.2% | 4.0% | 5.3% |
| Slope | 495 | 490 | 481 | 488 | 473 | 448 | 7 | 17 | 33 | 1.4% | 3.5% | 6.9% |
| Stark | 12,021 | 12,096 | 11,948 | 11,513 | 11,583 | 11,243 | 508 | 513 | 705 | 4.2% | 4.2% | 5.9% |
| REGION 8 | 22,821 | 22,542 | 22,188 | 21,929 | 21,661 | 20,996 | 892 | 881 | 1,192 | 3.9% | 3.9% | 5.4% |
| STATE TOTAL | 339,116 | 337,699 | 333,346 | 325,229 | 324,407 | 317,865 | 13,887 | 13,292 | 15,481 | 4.1% | 3.9% | 4.6% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**DEVILS LAKE**
301 S. College Drive
Phone: 662-2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street S.
Phone: 237-7113

**GRAND FORKS**
2016 S. Washington
Phone: 777-3711

**GRAFTON**
728 Hill Avenue S.
Phone: 352-2202

**JAMESTOWN**
429 Second St. S.W.
Phone: 251-2256

**MANDAN**
501 First Street N.W.
Phone: 663-6461

**MINOT**
3416 N. Broadway
Phone: 852-2164

**VALLEY CITY**
2425 W. Main
Phone: 845-7261

**WAHPETON**
524 Second Avenue N.
Phone: 671-2711

**WILLISTON**
422 First Ave. W.
Phone: 572-7771

**BEULAH**
119 E. Main
Phone: 873-5607

**ROLLA**
103 E. Main
Phone: 477-5631

**NDSU--FARGO**
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

**NEW TOWN**
Tribal Administration
Building
Phone: 627-4390

**UND-GRAND FORKS**
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

If your address has changed, please indicate the correction needed and return to the above address.

If you do NOT wish to continue receiving this publication, please check here _____ and return this page to the above address.

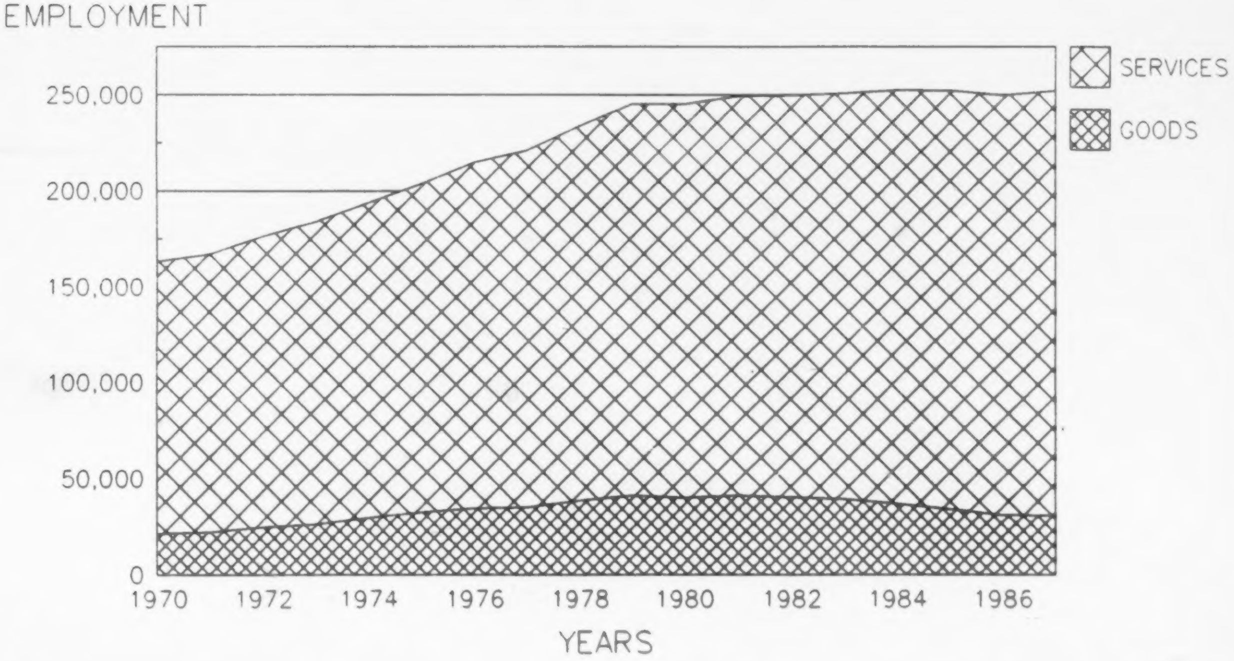
S6140-4
10/7/88

# NORTH DAKOTA LABOR MARKET ADVISOR

AUGUST 1988

VOLUME 4, NUMBER 8

GOODS PRODUCING VS SERVICES PRODUCING EMPLOYMENT
1970 TO 1987 ANNUAL AVERAGES



# THE

# NORTH DAKOTA

# LABOR MARKET ADVISOR

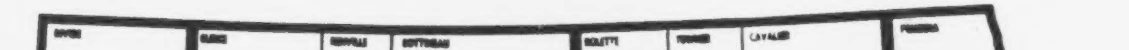
GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

JOB SERVICE NORTH DAKOTA
1000 EAST DIVIDE
BISMARCK, NORTH DAKOTA 58501

MICHEAL V. DEISZ
EXECUTIVE DIRECTOR

A MONTHLY PUBLICATION PREPARED BY
RESEARCH AND STATISTICS
TOM PEDERSON, CHIEF
(701) 224-2868

NORTH DAKOTA


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
McHENRY
PIERCE
RAMSEY
WALSH
BENSON
NELSON
GRAND FORKS
McKENZIE
1
2
3
4
McLEAN
SHERIDAN
WELLS
EDDY
FOSTER
GRIGGS
STEELE
TRAILL
DUNN
MERCER
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
GOLDEN VALLEY
BILLINGS
STARK
MORTON
8
7
6
5
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
McINTOSH
DICKEY
SARGENT

STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

# AMERICAN WORKERS AND THE WORKPLACE

Every day millions of people head for work; yet, most of us know very little about workers or their workplace in general. All we know about is our own little contribution to some work process at some workplace in which we receive some measured amount of compensation. What we hope to do here is present a few interesting facts about work and the workplace.

Paperwork seems to escalate every year, despite the predictions that computers would create a paperless office. No matter how organized people are or how good a filing system businesses have, office executives spend about 150 hours per year (almost four workweeks) looking for misplaced or mislabeled documents.

Creating more paperwork is often the fault of executives themselves. Studies indicate that a typical executive spends 22 percent of his/her workday reading and writing memos and, yet, most executives feel that 39 percent of them didn't need to be written in the first place.

The United States is in an industrial transition going from manufacturing to services. One indication of this change is the fact that between 1972 and 1987 the number of office workers rose from 40 million to 63 million (an increase of 57.5 percent).

The role of women in the labor force has also changed dramatically. In 1972 about 33 percent of managerial/professional office workers were female. Today, that number has risen to 44 percent. The percentage of women in technical, sales, and administrative-support positions has increased slightly between 1972 to present, rising from 60 percent to 65 percent.

Where would business people be without meetings? Sixty-three percent of the male and 44 percent of the female office workers spend between one to two hours per day in meetings. At the rate of two hours per work day, one-fourth of each work year would be spent in meetings.

Computers--curse them or praise them--are in the office and here to stay. With the development of personal computers, a whole new way of doing office work was created. It is estimated that there are 11 million microcomputers in U.S. businesses, institutions, and government offices today, and by 1991 that number should more than double to 23 million. Approximately 45 percent of top executives have personal computers in their offices and 69 percent of those say they use their computers on a regular basis. Yet, self-confidence in using the computers has a way to go, because only 39 percent feel they are really proficient at using them.

A controversial topic today is the practice of smoking in the office. For those against smoking, take notice--in 1980 about 35 percent of office workers smoked in the workplace, but by 1986 smokers were down to 21 percent.

Where would an office be without office supplies? American businesses spend about $7.4 billion per year on furniture. Manufacturers shipped about $1 billion worth of pens in 1987, while other manufacturers shipped about $831 million worth of file folders.

A number of miscellaneous items are listed below for your information:

1. The average U.S. office worker spends 6.5 hours per day in his/her personal work space.

2. Approximately 42 percent of Americans believe it is important that they be able to dress the way they like (within reasonable limits) for work.

3. About 31 percent of U.S. companies have requested designs for physical fitness centers.

4. Only 6 percent of U.S. companies have requested designs for day-care centers.

5. About 50 percent of U.S. companies now offer some form of flextime.

The sources for the information above are too numerous to list, but the primary source was a column written by Mr. Barry Tarshis called "9 to 5" published in the 1988 INC. Office Guide.

**Warren Boyd**
**Primary Researcher**

## NORTH DAKOTA

(ROUNDED TO FIFTY)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| | AUGUST 1988 | JULY 1988 | AUGUST 1987 | JULY 1988 | AUGUST 1987 |
| TOTAL | 255,600 | 256,850 | 252,350 | -0.5% | 1.3% |
| MINING | 4,300 | 4,200 | 4,350 | 2.4% | -1.1% |
| COAL | 1,000 | 1,000 | 1,100 | 0.0% | -9.1% |
| CRUDE PET. & NAT. GAS | 2,800 | 2,700 | 2,700 | 3.7% | 3.7% |
| OTHER MINING | 500 | 500 | 550 | 0.0% | -9.1% |
| CONSTRUCTION | 12,200 | 12,200 | 13,600 | 0.0% | -10.3% |
| BUILDING CONSTRUCTION | 3,000 | 3,100 | 3,400 | -3.2% | -11.8% |
| STREET HIGHWAY & HEAVY | 3,400 | 3,400 | 4,100 | 0.0% | -17.1% |
| SPECIAL TRADE CONSTRUCTION | 5,800 | 5,700 | 6,100 | 1.8% | -4.9% |
| MANUFACTURING | 16,050 | 16,500 | 15,650 | -2.7% | 2.6% |
| DURABLE GOODS | 7,000 | 7,100 | 6,900 | -1.4% | 1.4% |
| STONE, CLAY & GLASS | 750 | 750 | 850 | 0.0% | -11.8% |
| PRIMARY & FAB. METALS | 850 | 850 | 850 | 0.0% | 0.0% |
| MACHINERY & TRANS. EQUIP. | 4,100 | 4,200 | 4,000 | -2.4% | 2.5% |
| OTHER DURABLE GOODS | 1,300 | 1,300 | 1,200 | 0.0% | 8.3% |
| NONDURABLE GOODS | 9,050 | 9,400 | 8,750 | -3.7% | 3.4% |
| FOOD & KINDRED PRODUCTS | 4,050 | 4,400 | 4,050 | -8.0% | 0.0% |
| DAIRY PRODUCTS | 850 | 850 | 800 | 0.0% | 6.3% |
| FOOD SPECIALITIES & CONFECTIONERY PRODUCTS | 900 | 1,300 | 1,300 | -30.8% | -30.8% |
| BAKERY PRODUCTS | 500 | 500 | 350 | 0.0% | 42.9% |
| OTHER FOOD & KINDRED | 1,800 | 1,750 | 1,600 | 2.9% | 12.5% |
| PRINTING & PUBLISHING | 2,400 | 2,400 | 2,400 | 0.0% | 0.0% |
| OTHER NONDURABLE GOODS | 2,600 | 2,600 | 2,300 | 0.0% | 13.0% |
| TRANS. COMM. & UTILITIES | 16,600 | 16,700 | 16,400 | -0.6% | 1.2% |
| TRANSPORTATION | 8,300 | 8,300 | 8,300 | 0.0% | 0.0% |
| TRUCKING & WAREHOUSE | 4,800 | 4,800 | 4,900 | 0.0% | -2.0% |
| OTHER TRANSPORTATION | 3,500 | 3,500 | 3,400 | 0.0% | 2.9% |
| COMMUNICATION | 3,500 | 3,500 | 3,200 | 0.0% | 9.4% |
| UTILITIES | 4,800 | 4,900 | 4,900 | -2.0% | -2.0% |

## NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

## NORTH DAKOTA

(Continued)

| | | | | CHANGE FROM: | |
|---|---|---|---|---|---|
| | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | LAST MONTH | LAST YEAR |
| INDUSTRIES | AUGUST 1988 | JULY 1988 | AUGUST 1987 | JULY 1988 | AUGUST 1987 |
| WHOLESALE TRADE | 19,900 | 19,900 | 19,700 | 0.0% | 1.0% |
| DURABLE GOODS | 9,300 | 9,300 | 9,300 | 0.0% | 0.0% |
| NONDURABLE GOODS | 10,600 | 10,600 | 10,400 | 0.0% | 1.9% |
| RETAIL TRADE | 49,400 | 49,300 | 48,800 | 0.2% | 1.2% |
| GENERAL MERCHANDISE | 6,300 | 6,200 | 6,200 | 1.6% | 1.6% |
| FOOD STORES | 6,800 | 6,800 | 6,700 | 0.0% | 1.5% |
| AUTO DEALERS & SERVICE ST. | 6,700 | 6,700 | 6,700 | 0.0% | 0.0% |
| APPAREL & ACCESSORIES | 2,600 | 2,600 | 2,600 | 0.0% | 0.0% |
| OTHER RETAIL | 27,000 | 27,000 | 26,600 | 0.0% | 1.5% |
| FINANCE, INS. & REAL ESTATE | 12,550 | 12,550 | 12,650 | 0.0% | -0.8% |
| FINANCE | 6,700 | 6,700 | 6,800 | 0.0% | -1.5% |
| BANKING | 4,200 | 4,200 | 4,200 | 0.0% | 0.0% |
| OTHER FINANCE | 2,500 | 2,500 | 2,600 | 0.0% | -3.8% |
| INSURANCE | 4,000 | 4,000 | 3,900 | 0.0% | 2.6% |
| REAL ESTATE | 1,850 | 1,850 | 1,950 | 0.0% | -5.1% |
| SERVICES | 64,400 | 64,100 | 61,300 | 0.5% | 5.1% |
| LODGING | 4,400 | 4,300 | 4,400 | 2.3% | 0.0% |
| HEALTH SERVICES | 27,300 | 27,200 | 26,500 | 0.4% | 3.0% |
| NURSING CARE & HOSPITALS | 20,100 | 20,000 | 19,600 | 0.5% | 2.6% |
| OTHER MEDICAL SERVICES | 7,200 | 7,200 | 6,900 | 0.0% | 4.3% |
| OTHER SERVICES | 32,700 | 32,600 | 30,400 | 0.3% | 7.6% |
| GOVERNMENT | 60,200 | 61,400 | 59,900 | -2.0% | 0.5% |
| FEDERAL | 10,400 | 10,400 | 10,400 | 0.0% | 0.0% |
| STATE GOVERNMENT | 17,300 | 17,800 | 17,300 | -2.8% | 0.0% |
| EDUCATIONAL SERVICES | 9,900 | 10,200 | 10,000 | -2.9% | -1.0% |
| OTHER STATE GOVERNMENT | 7,400 | 7,600 | 7,300 | -2.6% | 1.4% |
| LOCAL GOVERNMENT | 32,500 | 33,200 | 32,200 | -2.1% | 0.9% |
| EDUCATIONAL SERVICES | 12,800 | 13,100 | 13,000 | -2.3% | -1.5% |
| OTHER LOCAL GOVERNMENT | 19,700 | 20,100 | 19,200 | -2.0% | 2.6% |

# NONAGRICULTURAL

# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | ONE YEAR AGO | CHANGE FROM: LAST MONTH | CHANGE FROM: LAST YEAR |
|---|---|---|---|---|---|
| **FARGO-MOORHEAD MSA** | AUGUST 1988 | JULY 1988 | AUGUST 1987 | JULY 1988 | AUGUST 1987 |
| TOTAL | 71,200 | 71,450 | 68,950 | -0.3% | 3.3% |
| MINING CONSTRUCTION | 4,300 | 4,200 | 4,300 | 2.4% | 0.0% |
| MANUFACTURING | 4,800 | 4,850 | 4,850 | -1.0% | -1.0% |
| DURABLE GOODS | 2,000 | 2,100 | 2,200 | -4.8% | -9.1% |
| NONDURABLE GOODS | 2,800 | 2,750 | 2,650 | 1.8% | 5.7% |
| TRANS., COMM. & UTILITIES | 5,100 | 5,100 | 4,500 | 0.0% | 13.3% |
| TRADE | 21,400 | 21,500 | 21,000 | -0.5% | 1.9% |
| WHOLESALE TRADE | 6,600 | 6,700 | 6,700 | -1.5% | -1.5% |
| RETAIL TRADE | 14,800 | 14,800 | 14,300 | 0.0% | 3.5% |
| FINANCE, INS. & REAL ESTATE | 4,600 | 4,600 | 4,500 | 0.0% | 2.2% |
| SERVICES | 19,200 | 19,100 | 18,200 | 0.5% | 5.5% |
| GOVERNMENT | 11,800 | 12,100 | 11,600 | -2.5% | 1.7% |
| FEDERAL | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| STATE & LOCAL | 9,700 | 10,000 | 9,400 | -3.0% | 3.2% |
| **GRAND FORKS MSA** | | | | | |
| TOTAL | 28,950 | 29,450 | 28,700 | -1.7% | 0.9% |
| MINING & CONSTRUCTION | 1,700 | 1,650 | 2,100 | 3.0% | -19.0% |
| MANUFACTURING | 1,300 | 1,750 | 1,250 | -25.7% | 4.0% |
| TRANS., COMM. & UTILITIES | 1,450 | 1,450 | 1,450 | 0.0% | 0.0% |
| TRADE | 8,400 | 8,400 | 8,250 | 0.0% | 1.8% |
| WHOLESALE TRADE | 1,600 | 1,600 | 1,550 | 0.0% | 3.2% |
| RETAIL TRADE | 6,800 | 6,800 | 6,700 | 0.0% | 1.5% |
| FINANCE, INS. & REAL ESTATE | 1,200 | 1,200 | 1,150 | 0.0% | 4.3% |
| SERVICES | 6,800 | 6,800 | 6,600 | 0.0% | 3.0% |
| GOVERNMENT | 8,100 | 8,200 | 7,900 | -1.2% | 2.5% |
| **BISMARCK MSA** | | | | | |
| TOTAL | 37,550 | 37,200 | 37,250 | 0.9% | 0.8% |
| MINING | 200 | 200 | 200 | 0.0% | 0.0% |
| CONSTRUCTION | 1,850 | 1,800 | 2,000 | 2.8% | -7.5% |
| MANUFACTURING | 2,100 | 2,100 | 2,000 | 0.0% | 5.0% |
| TRANS., COMM. & UTILITIES | 2,700 | 2,700 | 2,700 | 0.0% | 0.0% |
| TRADE | 9,900 | 9,800 | 10,000 | 1.0% | -1.0% |
| WHOLESALE TRADE | 2,100 | 2,100 | 2,200 | 0.0% | -4.5% |
| RETAIL TRADE | 7,800 | 7,700 | 7,800 | 1.3% | 0.0% |
| FINANCE, INS. & REAL ESTATE | 1,600 | 1,600 | 1,650 | 0.0% | -3.0% |
| SERVICES | 10,900 | 10,700 | 10,500 | 1.9% | 3.8% |
| GOVERNMENT | 8,300 | 8,300 | 8,200 | 0.0% | 1.2% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | | | | Percent Change From | |
|---|---|---|---|---|---|
| | August 1988 | July 1988 | August 1987 | July 1988 | August 1987 |
| **UNITED STATES (In Thousands)** | | | | | |
| Labor Force | 123,723 | 123,357 | 122,042 | 0.3% | 1.4% |
| Employment | 116,872 | 116,732 | 114,786 | 0.1% | 1.8% |
| Unemployment | 6,851 | 6,625 | 7,256 | 3.4% | -5.6% |
| Unemployment Rate | 5.5% | 5.4% | 5.9% | xxx | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 337,290 | 339,130 | 333,020 | -0.5% | 1.3% |
| Employment | 322,750 | 325,140 | 319,850 | -0.7% | 0.9% |
| Unemployment | 14,540 | 13,990 | 13,170 | 3.9% | 10.4% |
| Unemployment Rate | 4.3% | 4.1% | 4.0% | xxx | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 86,310 | 86,670 | 83,400 | -0.4% | 3.5% |
| Employment | 83,910 | 84,320 | 80,850 | -0.5% | 3.8% |
| Unemployment | 2,400 | 2,350 | 2,550 | 2.1% | -5.9% |
| Unemployment Rate | 2.8% | 2.7% | 3.1% | xxx | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,470 | 36,850 | 36,010 | -1.0% | 1.3% |
| Employment | 34,690 | 35,470 | 34,500 | -2.2% | 0.6% |
| Unemployment | 1,780 | 1,380 | 1,510 | 29.0% | 17.9% |
| Unemployment Rate | 4.9% | 3.7% | 4.2% | xxx | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 46,180 | 45,990 | 45,390 | 0.4% | 1.7% |
| Employment | 44,180 | 44,030 | 43,810 | 0.3% | 0.8% |
| Unemployment | 2,000 | 1,960 | 1,580 | 2.0% | 26.6% |
| Unemployment Rate | 4.3% | 4.3% | 3.5% | xxx | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Fargo-Moorhead Metropolitan Statistical Area (MSA) includes Cass and Clay Counties; the Grand Forks MSA includes Grand Forks County; and the Bismarck MSA includes Burleigh and Morton Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

### JULY 1988
(In Thousands)

| | NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 339.1 | 369.8 | 2,347.9 | 398.2 |
| Employment | 325.1 | 356.2 | 2,266.4 | 373.5 |
| Unemployment | 14.0 | 13.6 | 81.5 | 24.7 |
| Unemployment Rate | 4.1% | 3.7% | 3.5% | 6.2% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 |
| Manufacturing | 412.49 | 413.51 | 403.27 | 40.8 | 40.7 | 40.9 | 10.11 | 10.16 | 9.86 |
| Durable Goods | 438.61 | 439.60 | 430.35 | 41.3 | 41.2 | 41.3 | 10.62 | 10.67 | 10.42 |
| Nondurable Goods | 377.88 | 377.06 | 368.45 | 40.2 | 39.9 | 40.4 | 9.40 | 9.45 | 9.12 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 |
| Manufacturing | 325.47 | 323.33 | 327.71 | 38.7 | 38.4 | 38.6 | 8.41 | 8.42 | 8.49 |
| Durable Goods | 338.22 | 339.08 | 346.23 | 39.1 | 39.2 | 40.4 | 8.65 | 8.65 | 8.57 |
| Nondurable Goods | 314.06 | 311.09 | 313.22 | 38.3 | 37.8 | 37.2 | 8.20 | 8.23 | 8.42 |
| Food & Kindred | 333.66 | 319.51 | 318.94 | 40.2 | 39.3 | 37.0 | 8.30 | 8.13 | 8.62 |
| Printing and Publishing | 268.60 | 271.25 | 264.70 | 31.6 | 31.8 | 31.4 | 8.50 | 8.53 | 8.43 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 |
| Manufacturing | 345.24 | 338.96 | 321.01 | 41.1 | 40.4 | 37.9 | 8.40 | 8.39 | 8.47 |
| Durable Goods | 328.86 | 316.80 | 324.66 | 40.6 | 40.0 | 39.4 | 8.10 | 7.92 | 8.24 |
| Nondurable Goods | 357.73 | 357.41 | 318.05 | 41.5 | 40.8 | 36.6 | 8.62 | 8.76 | 8.69 |

## U. S. CONSUMER PRICE INDEX

(1982-84=100)

## ALL URBAN CONSUMERS

| ITEM | Annual Average 1987 | August 1988 | July 1988 | August 1987 | Percent Change From July 1988 | Percent Change From August 1987 |
|---|---|---|---|---|---|---|
| All Items | 113.6 | 119.0 | 118.5 | 114.4 | 0.4% | 4.0% |
| Food & Beverage | 113.5 | 119.4 | 118.8 | 113.8 | 0.5% | 4.9% |
| Housing | 114.2 | 119.5 | 119.1 | 115.4 | 0.3% | 3.6% |
| Apparel & Upkeep | 110.6 | 112.6 | 112.7 | 109.4 | -0.1% | 2.9% |
| Transportation | 105.4 | 109.6 | 108.9 | 106.5 | 0.6% | 2.9% |
| Medical Care | 130.1 | 139.9 | 139.3 | 131.2 | 0.4% | 6.6% |
| Entertainment | 115.3 | 120.7 | 120.5 | 115.6 | 0.2% | 4.4% |

## PRODUCER PRICE INDEX

## UNITED STATES AVERAGE

| ITEM | Annual Average 1987 | August 1988 | July 1988 | August 1987 | Percent Change From July 1988 | Percent Change From August 1987 |
|---|---|---|---|---|---|---|
| All Commodities | 102.8 | 108.0 | 107.8 | 103.8 | 0.2% | 4.0% |
| Farm Products & Processed Foods and Feeds | 103.7 | 112.6 | 113.0 | 104.0 | -0.4% | 8.3% |
| Industrial Commodities | 102.6 | 107.1 | 106.7 | 103.7 | 0.4% | 3.3% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 |
| Divide | 1,540 | 1,562 | 1,598 | 1,513 | 1,515 | 1,566 | 27 | 47 | 32 | 1.8% | 3.0% | 2.0% |
| McKenzie | 3,189 | 3,176 | 3,141 | 3,032 | 3,066 | 3,025 | 157 | 110 | 116 | 4.9% | 3.5% | 3.7% |
| Williams | 11,933 | 11,844 | 11,519 | 11,422 | 11,374 | 10,851 | 511 | 470 | 668 | 4.3% | 4.0% | 5.8% |
| REGION 1 | 16,662 | 16,582 | 16,258 | 15,967 | 15,955 | 15,442 | 695 | 627 | 816 | 4.2% | 3.8% | 5.0% |
| Bottineau | 3,723 | 3,744 | 3,741 | 3,547 | 3,572 | 3,590 | 176 | 172 | 151 | 4.7% | 4.6% | 4.0% |
| Burke | 1,395 | 1,421 | 1,422 | 1,339 | 1,367 | 1,334 | 56 | 54 | 88 | 4.0% | 3.8% | 6.2% |
| McHenry | 2,758 | 2,755 | 2,746 | 2,579 | 2,564 | 2,547 | 179 | 191 | 199 | 6.5% | 6.9% | 7.2% |
| Mountrail | 3,400 | 3,403 | 3,449 | 3,161 | 3,180 | 3,221 | 239 | 223 | 228 | 7.0% | 6.6% | 6.6% |
| Pierce | 2,648 | 2,691 | 2,678 | 2,578 | 2,609 | 2,614 | 70 | 82 | 64 | 2.6% | 3.0% | 2.4% |
| Renville | 1,347 | 1,361 | 1,362 | 1,295 | 1,309 | 1,315 | 52 | 52 | 47 | 3.9% | 3.8% | 3.5% |
| Ward | 26,245 | 26,664 | 25,888 | 25,091 | 25,499 | 24,806 | 1,154 | 1,165 | 1,082 | 4.4% | 4.4% | 4.2% |
| REGION 2 | 41,516 | 42,039 | 41,286 | 39,590 | 40,100 | 39,427 | 1,926 | 1,939 | 1,859 | 4.6% | 4.6% | 4.5% |
| Benson | 3,549 | 3,522 | 3,366 | 3,349 | 3,338 | 3,106 | 200 | 184 | 260 | 5.6% | 5.2% | 7.7% |
| Cavalier | 2,807 | 2,873 | 2,799 | 2,718 | 2,762 | 2,700 | 89 | 111 | 99 | 3.2% | 3.9% | 3.5% |
| Eddy | 1,400 | 1,454 | 1,532 | 1,339 | 1,361 | 1,412 | 61 | 93 | 120 | 4.4% | 6.4% | 7.8% |
| Ramsey | 6,685 | 6,759 | 6,909 | 6,455 | 6,508 | 6,656 | 230 | 251 | 253 | 3.4% | 3.7% | 3.7% |
| Rolette | 5,001 | 4,980 | 4,870 | 3,987 | 4,053 | 4,172 | 1,014 | 927 | 698 | 20.3% | 18.6% | 14.3% |
| Towner | 1,752 | 1,764 | 1,833 | 1,709 | 1,728 | 1,790 | 43 | 36 | 43 | 2.5% | 2.0% | 2.3% |
| REGION 3 | 21,194 | 21,352 | 21,309 | 19,557 | 19,750 | 19,836 | 1,637 | 1,602 | 1,473 | 7.7% | 7.5% | 6.9% |
| Grand Forks | 36,465 | 36,845 | 36,008 | 34,687 | 35,467 | 34,502 | 1,778 | 1,378 | 1,506 | 4.9% | 3.7% | 4.2% |
| Nelson | 1,971 | 1,995 | 1,990 | 1,913 | 1,922 | 1,923 | 58 | 73 | 67 | 2.9% | 3.7% | 3.4% |
| Pembina | 5,485 | 5,673 | 5,119 | 4,956 | 5,121 | 4,810 | 529 | 552 | 309 | 9.6% | 9.7% | 6.0% |
| Walsh | 8,351 | 8,281 | 8,031 | 7,887 | 7,854 | 7,691 | 464 | 427 | 340 | 5.6% | 5.2% | 4.2% |
| REGION 4 | 52,272 | 52,794 | 51,148 | 49,443 | 50,364 | 48,926 | 2,829 | 2,430 | 2,222 | 5.4% | 4.6% | 4.3% |
| Cass | 60,634 | 60,798 | 58,754 | 59,098 | 59,314 | 57,174 | 1,536 | 1,484 | 1,580 | 2.5% | 2.4% | 2.7% |
| Ransom | 2,930 | 2,918 | 2,863 | 2,831 | 2,845 | 2,788 | 99 | 73 | 75 | 3.4% | 2.5% | 2.6% |
| Richland | 9,491 | 9,371 | 8,903 | 9,000 | 8,988 | 8,566 | 491 | 383 | 337 | 5.2% | 4.1% | 3.8% |
| Sargent | 2,652 | 2,713 | 2,619 | 2,611 | 2,667 | 2,558 | 41 | 46 | 61 | 1.5% | 1.7% | 2.3% |
| Steele | 1,232 | 1,254 | 1,239 | 1,202 | 1,216 | 1,211 | 30 | 38 | 28 | 2.4% | 3.0% | 2.3% |
| Traill | 4,639 | 4,602 | 4,495 | 4,280 | 4,351 | 4,255 | 359 | 251 | 240 | 7.7% | 5.5% | 5.3% |
| REGION 5 | 81,578 | 81,656 | 78,873 | 79,022 | 79,381 | 76,552 | 2,556 | 2,275 | 2,321 | 3.1% | 2.8% | 2.9% |

# LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 | August 1988 | July 1988 | August 1987 |
| Barnes | 6,289 | 6,470 | 6,416 | 6,095 | 6,248 | 6,263 | 194 | 222 | 153 | 3.1% | 3.4% | 2.4% |
| Dickey | 3,218 | 3,250 | 3,306 | 3,122 | 3,165 | 3,205 | 96 | 85 | 101 | 3.0% | 2.6% | 3.1% |
| Foster | 2,275 | 2,283 | 2,217 | 2,204 | 2,210 | 2,156 | 71 | 73 | 61 | 3.1% | 3.2% | 2.8% |
| Griggs | 1,558 | 1,574 | 1,607 | 1,522 | 1,536 | 1,574 | 36 | 38 | 33 | 2.3% | 2.4% | 2.1% |
| La Moure | 2,490 | 2,543 | 2,545 | 2,432 | 2,464 | 2,494 | 58 | 79 | 51 | 2.3% | 3.1% | 2.0% |
| Logan | 1,506 | 1,524 | 1,507 | 1,490 | 1,500 | 1,494 | 16 | 24 | 13 | 1.1% | 1.6% | 0.9% |
| McIntosh | 2,348 | 2,369 | 2,354 | 2,315 | 2,341 | 2,322 | 33 | 28 | 32 | 1.4% | 1.2% | 1.4% |
| Stutsman | 12,496 | 12,663 | 12,594 | 12,145 | 12,241 | 12,221 | 351 | 422 | 373 | 2.8% | 3.3% | 3.0% |
| Wells | 2,970 | 3,038 | 3,018 | 2,874 | 2,898 | 2,894 | 96 | 140 | 124 | 3.2% | 4.6% | 4.1% |
| **REGION 6** | 35,150 | 35,714 | 35,564 | 34,199 | 34,603 | 34,623 | 951 | 1,111 | 941 | 2.7% | 3.1% | 2.6% |
| Burleigh | 33,658 | 33,551 | 33,195 | 32,332 | 32,226 | 32,062 | 1,326 | 1,325 | 1,133 | 3.9% | 3.9% | 3.4% |
| Emmons | 2,238 | 2,282 | 2,346 | 2,179 | 2,197 | 2,270 | 59 | 85 | 76 | 2.6% | 3.7% | 3.2% |
| Grant | 2,039 | 2,075 | 2,059 | 1,956 | 2,009 | 1,975 | 83 | 66 | 84 | 4.1% | 3.2% | 4.1% |
| Kidder | 1,562 | 1,612 | 1,604 | 1,522 | 1,537 | 1,527 | 40 | 75 | 77 | 2.6% | 4.7% | 4.8% |
| McLean | 4,687 | 4,591 | 4,843 | 4,413 | 4,302 | 4,619 | 274 | 289 | 224 | 5.8% | 6.3% | 4.6% |
| Mercer | 5,671 | 5,683 | 5,670 | 5,364 | 5,349 | 5,342 | 307 | 334 | 328 | 5.4% | 5.9% | 5.8% |
| Morton | 12,523 | 12,443 | 12,197 | 11,846 | 11,808 | 11,747 | 677 | 635 | 450 | 5.4% | 5.1% | 3.7% |
| Oliver | 1,236 | 1,228 | 1,064 | 1,138 | 1,139 | 1,013 | 98 | 89 | 51 | 7.9% | 7.2% | 4.8% |
| Sheridan | 1,262 | 1,297 | 1,198 | 1,221 | 1,246 | 1,159 | 41 | 51 | 39 | 3.2% | 3.9% | 3.3% |
| Sioux | 1,421 | 1,396 | 1,416 | 1,245 | 1,243 | 1,228 | 176 | 153 | 188 | 12.4% | 11.0% | 13.3% |
| **REGION 7** | 66,297 | 66,158 | 65,592 | 63,216 | 63,056 | 62,942 | 3,081 | 3,102 | 2,650 | 4.6% | 4.7% | 4.0% |
| Adams | 1,804 | 1,830 | 1,859 | 1,760 | 1,800 | 1,818 | 44 | 30 | 41 | 2.4% | 1.6% | 2.2% |
| Billings | 1,211 | 1,195 | 1,169 | 1,192 | 1,179 | 1,150 | 19 | 16 | 19 | 1.6% | 1.3% | 1.6% |
| Bowman | 2,243 | 2,254 | 2,312 | 2,160 | 2,184 | 2,252 | 83 | 70 | 60 | 3.7% | 3.1% | 2.6% |
| Dunn | 1,827 | 1,893 | 1,747 | 1,688 | 1,741 | 1,612 | 139 | 152 | 135 | 7.6% | 8.0% | 7.7% |
| Golden Valley | 1,078 | 1,095 | 1,125 | 1,050 | 1,069 | 1,092 | 28 | 26 | 33 | 2.6% | 2.4% | 2.9% |
| Hettinger | 1,981 | 2,039 | 1,945 | 1,922 | 1,953 | 1,892 | 59 | 86 | 53 | 3.0% | 4.2% | 2.7% |
| Slope | 483 | 495 | 497 | 476 | 488 | 476 | 7 | 7 | 21 | 1.4% | 1.4% | 4.2% |
| Stark | 11,990 | 12,027 | 12,336 | 11,505 | 11,513 | 11,811 | 485 | 514 | 525 | 4.0% | 4.3% | 4.3% |
| **REGION 8** | 22,617 | 22,828 | 22,990 | 21,753 | 21,927 | 22,103 | 864 | 901 | 887 | 3.8% | 3.9% | 3.9% |
| **STATE TOTAL** | 337,286 | 339,123 | 333,020 | 322,747 | 325,136 | 319,851 | 14,539 | 13,987 | 13,169 | 4.3% | 4.1% | 4.0% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which includes the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work, except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often called the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The index is produced by the Bureau of Labor Statistics, U.S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay for, the pay period which includes the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

## JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**DEVILS LAKE**
301 S. College Drive
Phone: 662-2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street S.
Phone: 237-7113

**GRAND FORKS**
2016 S. Washington
Phone: 777-3711

**GRAFTON**
728 Hill Avenue S.
Phone: 352-2202

**JAMESTOWN**
429 Second St. S.W.
Phone: 251-2256

**MANDAN**
501 First Street N.W.
Phone: 663-6461

**MINOT**
3416 N. Broadway
Phone: 852-2164

**VALLEY CITY**
2425 W. Main
Phone: 845-7261

**WAHPETON**
524 Second Avenue N.
Phone: 671-2711

**WILLISTON**
422 First Ave. W.
Phone: 572-7771

**BEULAH**
119 E. Main
Phone: 873-5607

**ROLLA**
103 E. Main
Phone: 477-5631

**NDSU--FARGO**
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

**NEW TOWN**
Tribal Administration
Building
Phone: 627-4390

**UND-GRAND FORKS**
Room 141
McCannel Hall
Phone: 777-3904

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

Postage and Fees Paid
Employment Security Mail
LAB 449

3RD CLASS MAIL

**Official Business**
**Penalty for Private Use $300**

CONGRESSIONAL INFORMATION SERVICE
ATTENTION ROBERTA MASON
SRI ACQUISITIONS
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

JOB
SERVICE
North Dakota

**If your address has changed, please indicate the correction needed and return to the above address.**

**If you do NOT wish to continue receiving this publication, please check here______ and return this page to the above address.**